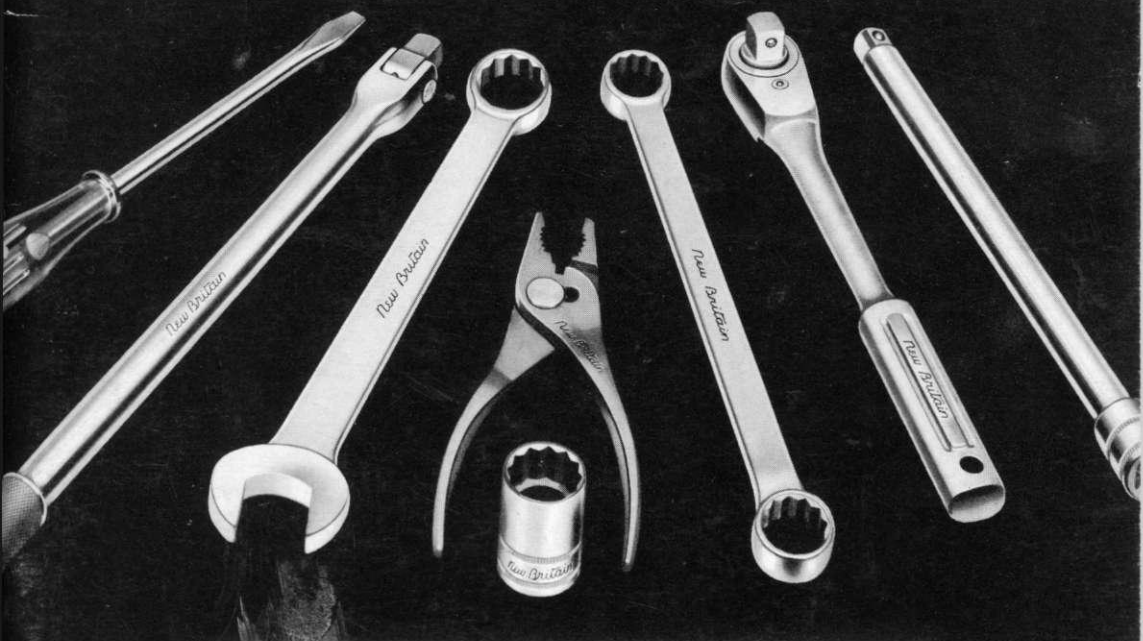


*Automotive & Aviation
Hand Tools for
Professional Mechanics*

New Britain

HAND TOOLS

CATALOG NO. 58M



GLENDAL MOTOR PARTS

420 E. Colorado St.

Glendale, California

Phone Citrus 1-4168

**SIXTY-SIX YEARS OF
PRECISION CRAFTSMANSHIP**

More than half a century of precision craftsmanship backs this Line of New Britain Hand Tools. From father to son, New Britain toolmakers have passed along a tradition of craftsmanship in steel since 1887. New Britain is strong, not alone in the generations of men who have come along to operate the machines in these great plants, but in the limitless equipment that has been added steadily over the years. For, New Britain, not alone manufactures this superb Line of Hand Tools, but builds the amazingly accurate, world famous New Britain Automatic Screw Machines on which many of them are formed.

A few of New Britain's Engineering, Laboratory, Manufacturing and Inspection Departments are shown on these two pages. Everything offered by present day metallurgical science, plus the skill of trained men working with the most modern equipment is reflected in the fine Hand Tools which bear the name —

New Britain

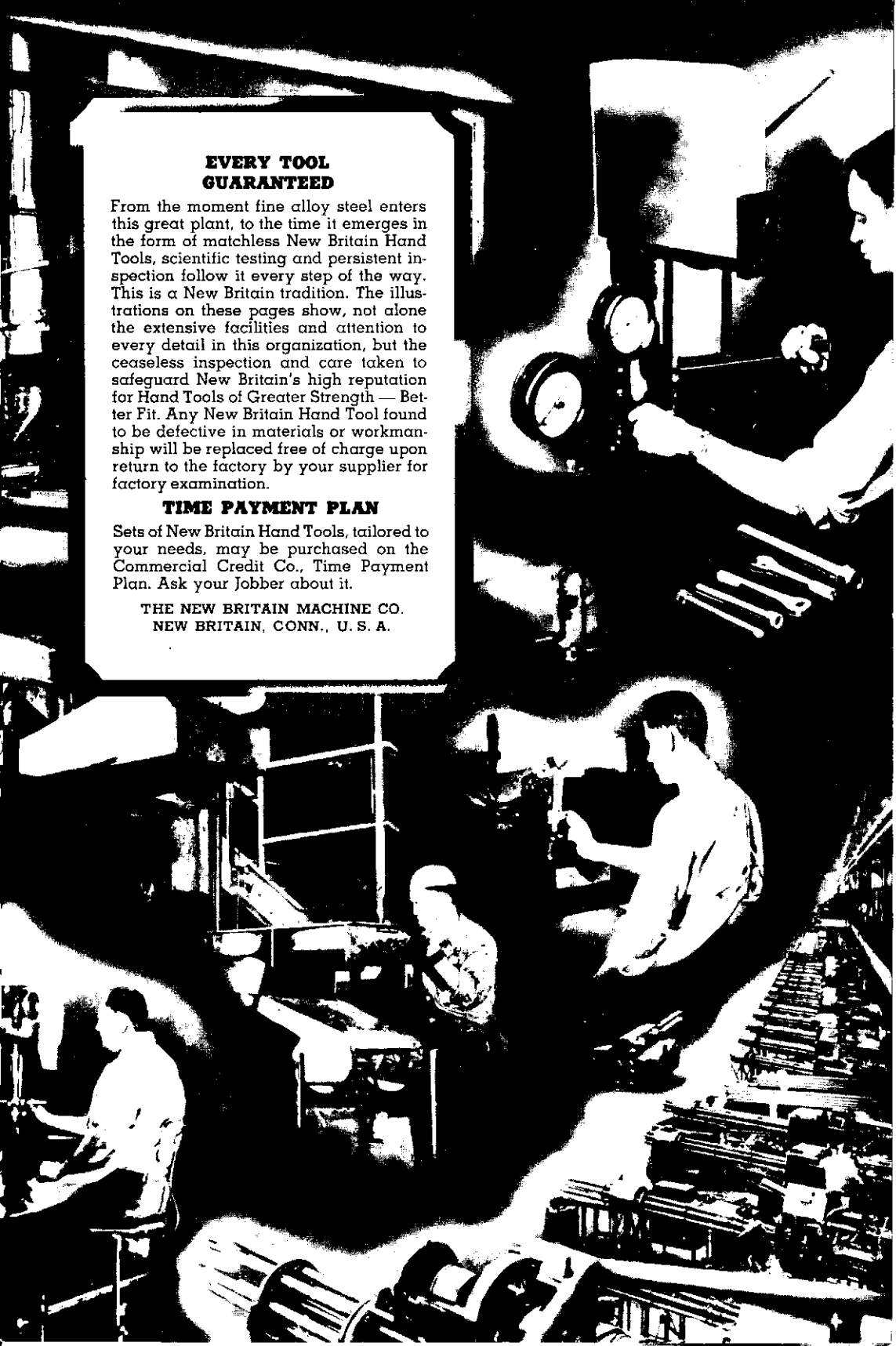
EVERY TOOL GUARANTEED

From the moment fine alloy steel enters this great plant, to the time it emerges in the form of matchless New Britain Hand Tools, scientific testing and persistent inspection follow it every step of the way. This is a New Britain tradition. The illustrations on these pages show, not alone the extensive facilities and attention to every detail in this organization, but the ceaseless inspection and care taken to safeguard New Britain's high reputation for Hand Tools of Greater Strength — Better Fit. Any New Britain Hand Tool found to be defective in materials or workmanship will be replaced free of charge upon return to the factory by your supplier for factory examination.

TIME PAYMENT PLAN

Sets of New Britain Hand Tools, tailored to your needs, may be purchased on the Commercial Credit Co., Time Payment Plan. Ask your Jobber about it.

THE NEW BRITAIN MACHINE CO.
NEW BRITAIN, CONN., U. S. A.



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New Britain

HEAVY DUTY WRENCHES

3/4" Square Drive

The trend of building Buses, Trucks and even Tractors with streamlined bodies makes for tight places around the giant nuts and bolts which hold them together. Thin walled Heavy Duty Sockets and Heavy Duty Drive Parts are needed just as much on present day heavy duty vehicles as on passenger cars. Because business cars are money producers, quick service is vital. You will find New Britain Heavy Duty Drive Parts and Sockets to be money makers for you in every respect. Sockets are equipped with the "Keyless Locking Feature" which insures against accidents and yet permits quick assembly. Every Tool is Triple Plate, Chrome finish to guard against weather and preserve its appearance.

HEAVY DUTY FLEX HANDLE

For many reasons a Flex Handle is the most widely used Heavy Duty attachment. Because this Tool has better balance, greater strength and the ability to get into tight corners, it will amaze you by its workability.

Number	Length
NH-55	19"

HEAVY DUTY CROSS BAR

Unless you have had a Cross Bar bend and twist under a severe strain, you won't appreciate this specially hardened and tempered Tool. Despite its slim and trim appearance, it will combine with the Flex Handle to make the most durable Tee Handle, Spinner or Hinged Wrench you have ever used.

Number	Length
NH-30	12"

HEAVY DUTY REVERSIBLE RATCHET

It will not jam! When there's heavy work that must be done quickly, nothing takes its place. Its many teeth make for more quick and non-slip positions than you will ever need.

Number	Length
NH-42	18"

HEAVY DUTY SLIDE TEE HANDLE

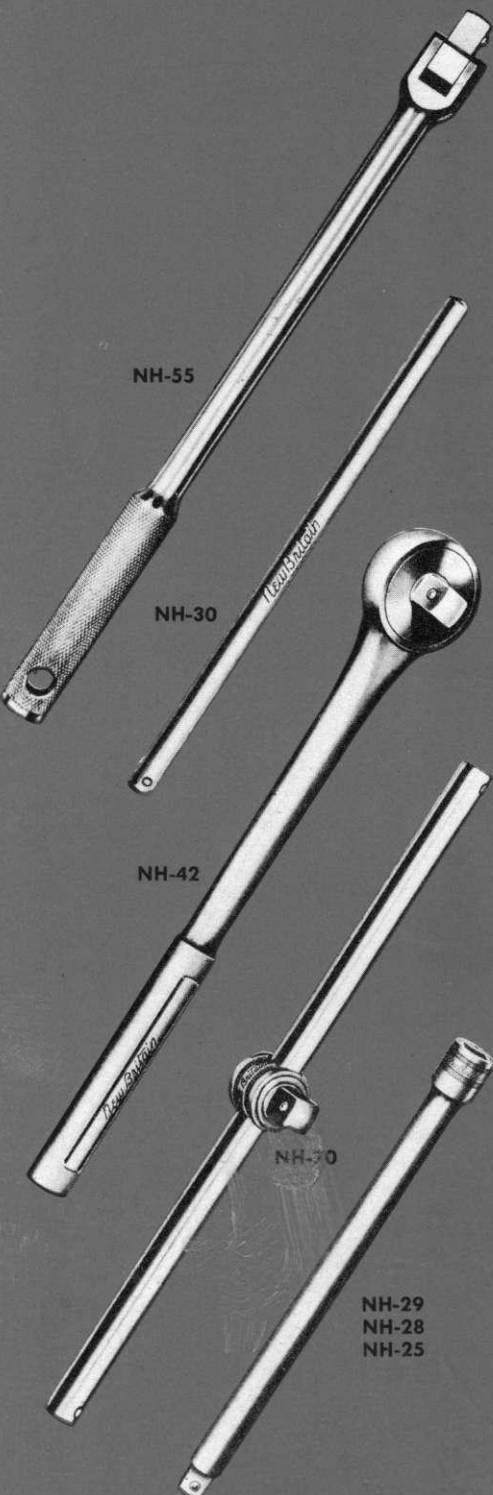
Its ability to serve as several different tools has always made it a favorite. It combines with extensions and universal joints to make very handy Tools.

Number	Length
NH-70	18"

HEAVY DUTY EXTENSIONS

Used in conjunction with any drive tool, they are indispensable on jobs in out of the way places.

Number	Length
NH-29	16"
NH-28	8"
NH-25	4"



New Britain

12-POINT HEAVY DUTY SOCKETS

All Sockets have the "Keyless Locking Feature."

Part No.	Size	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut
NH-1228	7/8"	1/2"	5/8"	9/16"
NH-1230	15/16"	5/8"		5/8"
NH-1231	31/32"	9/16"		
NH-1232	1"		3/4"	11/16"
NH-1234	1 1/16"	5/8"		3/4"
NH-1236	1 1/8"		7/8"	
NH-1238	1 3/16"			
NH-1240	1 1/4"	3/4"	1"	7/8"
NH-1242	1 5/16"	7/8"	1"	
NH-1244	1 3/8"		1 1/8"	
NH-1246	1 7/16"	7/8"		1"
NH-1248	1 1/2"	1"	1 1/8"	
NH-1250	1 9/16"			
NH-1252	1 5/8"	1"		1 1/8"
NH-1254	1 11/16"	1 1/8"	1 1/8"	
NH-1256	1 3/4"			
NH-1258	1 13/16"	1 1/8"		1 1/4"
NH-1260	1 7/8"	1 1/4"		
NH-1264	2"	1 1/4"		1 3/8"
NH-1268	2 1/8"			
NH-1270	2 3/16"	1 3/8"		1 1/2"
NH-1272	2 1/4"	1 1/2"		
NH-1276	2 3/8"	1 1/2"		
NH-1280	2 1/2"			

HEAVY DUTY UNIVERSAL JOINT

You cannot work around corners without using a Universal Joint. Permits free action up to 90°.

Number	Length
NH-60	4"

HEAVY DUTY ADAPTER

A 3/4" to 1/2" Reducing Adapter makes possible the use of 1/2" Square Drive Sockets with Heavy Duty Handles.

Number	Length
NH-82	2"

8-PIECE SOCKET SET

Contains a selection of the most popular Sockets.

NH-1234	1 1/16"	NH-1246	1 7/16"
NH-1236	1 1/8"	NH-1248	1 1/2"
NH-1240	1 1/4"	NH-1252	1 5/8"
NH-1244	1 3/8"	NH-1256	1 3/4"

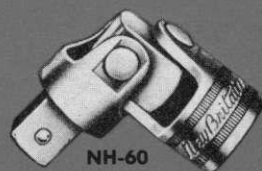
15279 Socket Holding Tray

Number
N-3608

3/4" Square Drive Tools



NH-1228
to
NH-1280



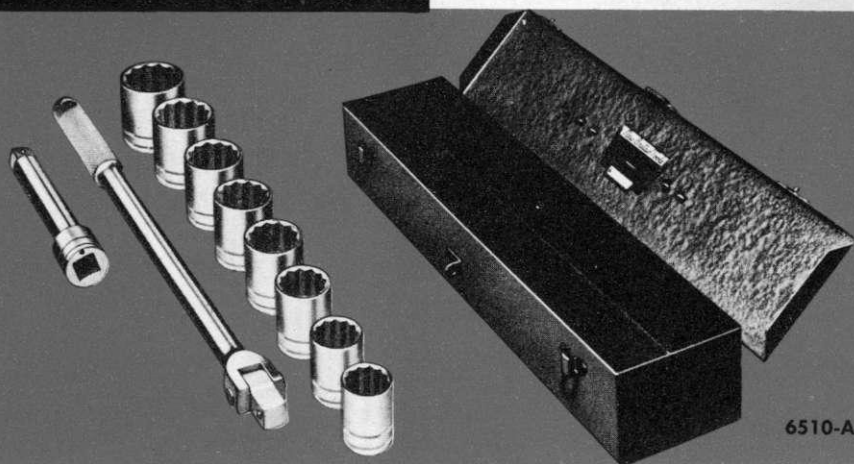
NH-60



NH-82



N-3608



New Britain

10-PIECE HEAVY DUTY SOCKET SET

A Heavy Duty Set that will supply the most essential sizes in sockets. Makes a splendid foundation on which to build a complete Heavy Duty Tool kit. Other sockets and tools can be added as needed.

12-POINT SOCKETS

NH-1234 1 1/16"
NH-1236 1 1/8"

NH-1240 1 1/4"
NH-1244 1 3/8"

NH-1246 1 7/16"
NH-1248 1 1/2"

NH-1252 1 5/8"
NH-1256 1 3/4"

DRIVE PARTS

NH-28 8" Extension

NH-55 Flex Handle

14540 Metal Box (19" x 4 1/2" x 3 1/2")

Number
6510A

10 Pc. Set



14-PIECE HEAVY DUTY SOCKET SET

Indispensable Heavy Duty Tools for a modern shop.

12-POINT SOCKETS

NH-1230 1 5/16"
NH-1231 3 1/32"
NH-1232 1"

NH-1234 1 1/16"
NH-1236 1 1/8"
NH-1240 1 1/4"

NH-1244 1 3/8"
NH-1246 1 7/16"

NH-1248 1 1/2"
NH-1252 1 5/8"

DRIVE PARTS

NH-42 Revs. Ratchet

NH-28 8" Extension

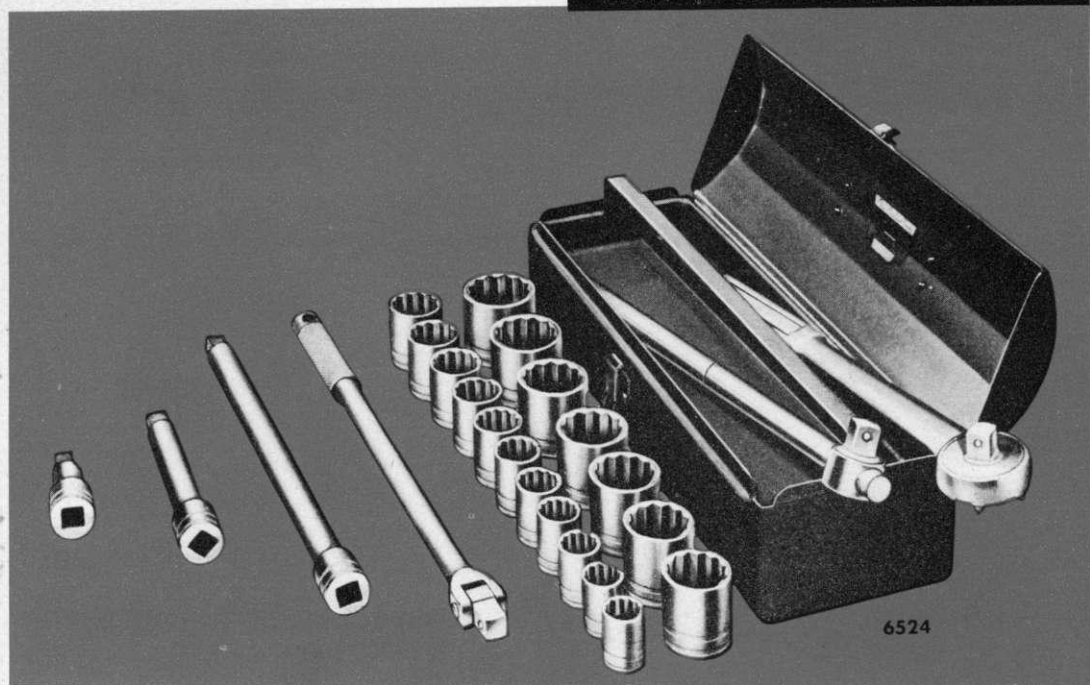
NH-55 Flex Handle

NH-29 16" Extension

13263 Metal Box (19 1/2" x 6 3/4" x 6 1/4")

Number
6514R

14 Pc. Set



New Britain
24-PIECE HEAVY DUTY SOCKET SET

Essential 3/4" Drive Tools for Heavy Duty work on buses, trucks, tractors, industrial equipment.

12-POINT SOCKETS

NH-1230 15/16"
 NH-1231 31/32"
 NH-1232 1"
 NH-1234 1 1/16"
 NH-1236 1 1/8"
 NH-1238 1 3/16"

NH-1240 1 1/4"
 NH-1242 1 5/16"
 NH-1244 1 3/8"
 NH-1246 1 7/16"
 NH-1248 1 1/2"
 NH-1250 1 5/8"

NH-1252 1 5/8"
 NH-1254 1 11/16"
 NH-1256 1 3/4"
 NH-1258 1 13/16"
 NH-1260 1 7/8"
 NH-1264 2"

DRIVE PARTS

NH-42 18" Revs. Ratchet
 NH-70 18" Slide Tee

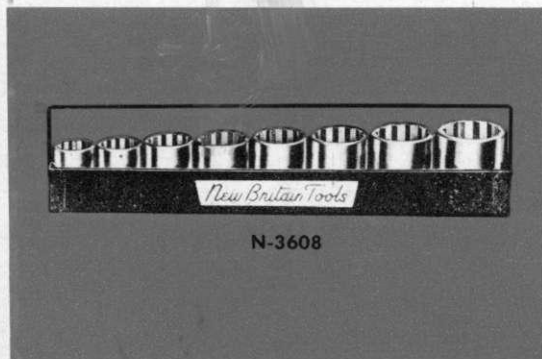
NH-55 19" Flex Handle
 NH-28 8" Extension

NH-25 4" Extension
 NH-29 16" Extension

13263 Metal Box (19 1/2" x 6 3/4" x 6 1/4")

Number
6524

24 Pc. Set



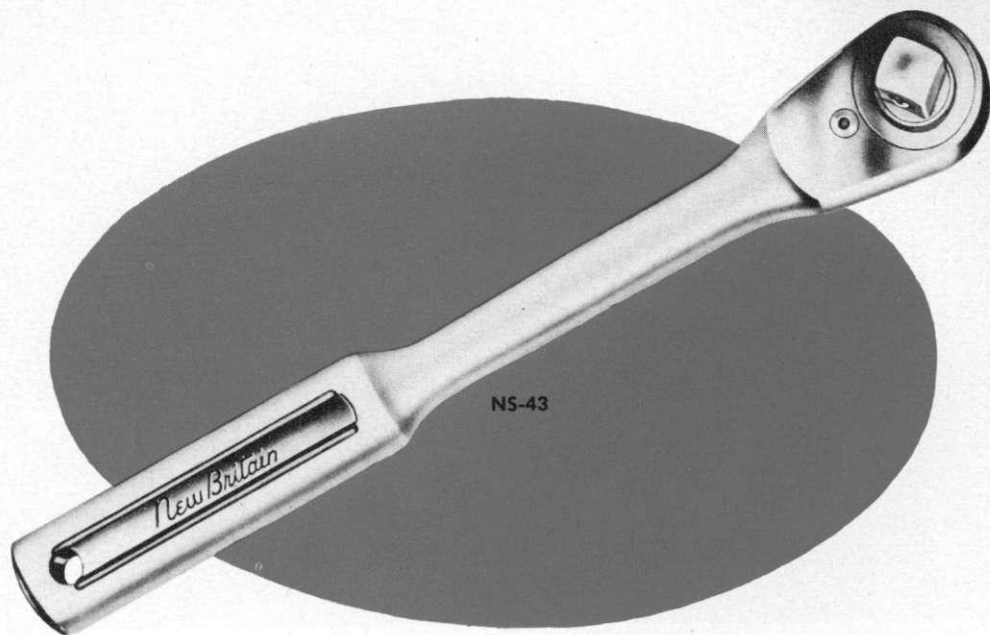
8 PIECE SOCKET SET

Contains a selection of the most popular Sockets.

NH-1234 1 1/16"	NH-1246 1 7/16"
NH-1236 1 1/8"	NH-1248 1 1/2"
NH-1240 1 1/4"	NH-1252 1 5/8"
NH-1244 1 3/8"	NH-1256 1 3/4"

15279 Socket Holding Tray

Number
N-3608



New Britain **REVERSIBLE RATCHET**

Real engineering brings you a ratchet improved two ways at once: The New Britain Reversible Ratchet has **LESS BULK** and **MORE STRENGTH!** Its powerful 40 tooth design permits ratcheting action in restricted areas. A simple flip of the switch reverses the action. This reinforced mech-

anism takes less space—the smaller head of the New Britain Ratchet goes places *no other ever fit*. Only finest quality steel is expertly heat-treated for vital parts; the whole is a precision-balanced Tool any mechanic is glad to get his hands on.

Number
NS-43

Length
10"

RATCHET ADAPTER

This versatile New Britain Ratchet Adapter functions smoothly and efficiently. Its ingenious design offers the remarkable facility of swiftly converting a flex handle, torque wrench or any drive part into an unusually effective ratcheting tool, with reversible action.

Ideally suited for close quarter work in positions where the regular Ratchet Wrench will not negotiate the desired angle or pass obstructions. Sturdily constructed and handsome in New Britain's famous triple plate, chrome finish, this Tool will give you a lifetime of faithful service. Also available in 3/8" drive.



Number
NS-12

Length
2 1/8"

New Britain

1/2" SQUARE DRIVE TOOLS

FLEX HANDLES

The drive end on these newly designed knurled grip Flex Handles can be set in many desired positions, thereby enabling work to be performed in inaccessible places.

Number	Length
NS-56	18"
NS-57	15"
NS-58	12"

CROSS BAR

Especially designed to operate with each of the above Flex Handles.

Number	Length
NS-31	10"

SPEEDER

The original speed-up Tool. Nothing takes the place of a Speeder for quick work.

Number	Length
NS-85	19"

ELL HANDLE

Simple strength and husky leverage combine for tremendous power. Rusted or tight nuts break loose easily with this Tool. Either end accepts a socket or connection.

Number	Length
NS-4978	8"

EXTENSIONS

These sizes, alone or in combination, extend your reach an extra 5" to 34".

Number	Length
NS-24	5"
NS-25	10"
NS-28	19"

SLIDE TEE HANDLE

This Slide Tee Handle can be used as an offset handle by moving head to either end of bar. Head is kept securely in any position by a ball and tension spring arrangement in head.

Number	Length
NS-70	9"

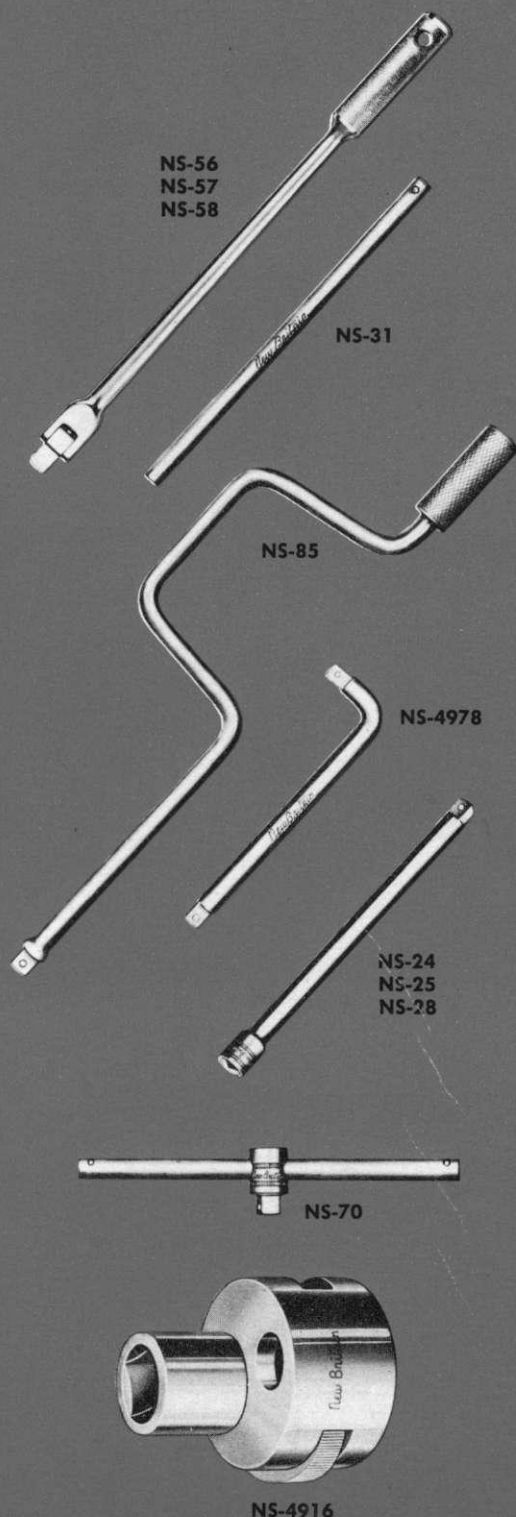
ECCENTRIC STUD EXTRACTOR

Unique design permits quick disassembly. Compact in size, but a giant in power, it will pull or set studs from 5/16" to 3/4" dia. Drive shaft extends through body to prevent binding. Extra cams available.

Number	Length
NS-4916	2"

NS-4915 Replacement Cam for NS-4916

1/2" Square Drive Tools



New Britain

SOCKETS

1/2" Square Drive

Extra strength thin-wall design for work where there's minimum clearance. Available in 12, 8 and 6-point design . . . all have "Keyless Locking Feature" . . . all triple plate, chrome finish. Standard package, 5.

12-POINT SOCKETS

Part No.	Size	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw Nut
NT-1214	7/16"		1/4"	1/4"
NT-1216	1/2"	1/4"	5/16"	5/16"
NT-1218	9/16"	3/8"	3/8"	3/8"
NFV-618 (1)	9/16"			
NT-1219	1 1/32"	5/16"		
NT-1220	5/8"		7/16"	7/16"
NT-1221	2 1/32"			
NT-1222	1 1/16"	3/8"		
NT-1224	3/4"		1/2"	1/2"
NT-1225	25/32"	7/16"		
NT-1226	13/16"		9/16"	9/16"
NT-1228	7/8"	1/2"	5/8"	9/16"
NT-1230	15/16"	5/8"		5/8"
NT-1231	3 1/32"	9/16"		
NT-1232	1"		3/4"	1 1/16"
NT-1234	1 1/16"	5/8"		3/4"
NT-1236	1 1/8"	3/4"	7/8"	
NT-1240	1 1/4"	3/4"	1"	7/8"

(1) Special 6 Pt. Socket for V-8 Connecting Rods.

8-POINT SOCKETS

Part No.	Size	U.S.S. Bolt Size	U.S.S. or Amer. Std. Set Screw
NT-812	3/8"	1/4"	3/8"
NT-814	7/16"		7/16"
NT-816	1/2"	5/16"	1/2"
NT-818	9/16"	3/8"	9/16"
NT-820	5/8"	7/16"	5/8"
NT-822	1 1/16"	3/8"	
NT-824	3/4"	1/2"	3/4"
NT-826	13/16"		
NT-828	7/8"	9/16"	7/8"

EXTRA DEEP 12-POINT SOCKETS

Part No.	Size
NTD-16	1/2"
NTD-18	9/16"
NTD-20	5/8"
NTD-22 (1, 2)	1 1/16"
NTD-24	3/4"
NTD-25	25/32"
NTD-26 (3)	13/16"
NTD-28	7/8"
NTD-28B (4)	7/8"
NTD-30	15/16"
NTD-32	1"
NTD-34	1 1/16"
NTD-36	1 1/8"

- (1) 10 mm for A.C. Spark Plugs.
- (2) 10 mm for Champion Spark Plugs.
- (3) Extra long — will service Buick and Nash late models.
- (4) For Buick Spark Plugs.

CADILLAC CONNECTING ROD SOCKET

Six point broaching and unusual wall strength give this special purpose Socket the turning power for the job.

Part No.	Size
NTC-614	7/16"



New Britain

SOCKETS AND ATTACHMENTS

6-POINT SOCKETS

Part No.	Size Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut
NT-612	3/8"	3/16"	3/16"	1/4"
NT-614	7/16"		1/4"	1/4"
NT-616	1/2"	1/4"	5/16"	5/16"
NT-618	9/16"	3/8"	3/8"	3/8"
NT-620	5/8"		7/16"	7/16"
NT-622	1 1/16"	3/8"		
NT-624	3/4"		1/2"	1/2"
NT-628	7/8"	1/2"	5/8"	7/16"

UNIVERSAL JOINT

Compact, sturdy and easy working. A Universal Joint designed for difficult corners.

Number	Length
NS-60	2 7/16"

STUD EXTRACTORS 1/2" SQUARE DRIVE

The design of these Tools which turn on their own centers allows stud to come clear through the wrench, permitting use on any length stud. Jaws are milled for either right or left-hand turn. Spring actuated gripping pawls provide ratchet action. When properly set, stud will twist off before tool slips. Triple plate, chrome finish. Replacement Jaws available.

Part No.	Capacity
SE-1	1/4" through 1/2"
SE-2	Replacement Jaws (Set of 3)
SE-5	17/32" through 3/4"
SE-6	Replacement Jaws (Set of 3)

DRAG LINK SOCKETS

A sturdy screw driver type Socket with bits in three widths for drag links, drain plugs, slotted nuts and screws. Will fit any standard 1/2" square drive tool.

Number	Size
NS-91	47/64" Wide
NS-92	15/16" Wide
NS-93	1 3/16" Wide

ADAPTERS

An invaluable addition to any mechanic's tool set for the interchange of different drive handles.

Number	Sizes
	Female Male
NS-81	1/2" to 3/8" Red.
NS-82	1/2" to 3/4" Inc.

DRAWN SPARK PLUG SOCKETS

Low cost spark plug Sockets for service station use. Cross Bar with each Socket.

Single End

Number	Hex. Spark Plug Size	Number	Hex. Spark Plug Size
N-14515	13/16"	N-14517	1"
N-14516	7/8"	N-14567	Cross Bar

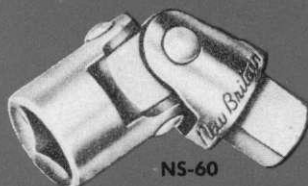
Double End

Number	Hex. Spark Plug Size
N-14566	9/16" and 1 1/16" (10 mm)
N-14511	13/16" (14 mm) and 7/8" (18 mm)
N-14512	7/8" and 1" (18 mm)
N-14513	7/8" and 1 1/8"
N-14514	15/16" and 1 1/8"
N-16303	5/8" and 13/16"
N-14567	Cross Bar

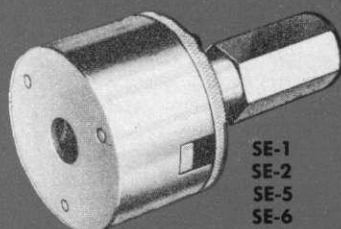
1/2" Square Drive Tools



NT-612 to
NT-628



NS-60



SE-1
SE-2
SE-5
SE-6

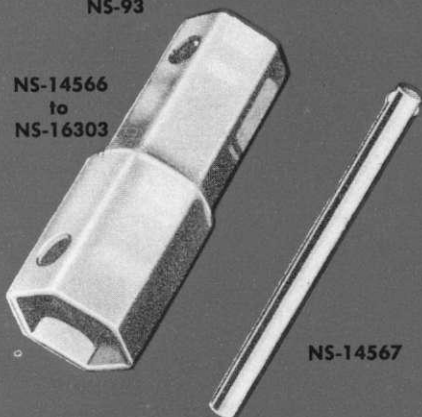


NS-91
NS-92
NS-93



NS-81
NS-82

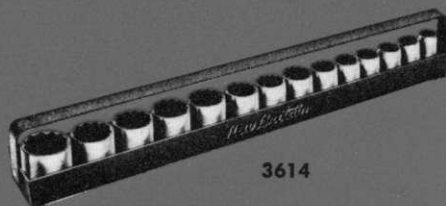
NS-14566
to
NS-16303



NS-14567

1/2" Square Drive Sets

14



3614

12 PIECE SPARK PLUG SOCKET HOLDER SET

The extra depth and thin walls reach easily and turn plugs in the tightest places without damage to the spark plug porcelain. Sockets contained in this Set will perform all spark plug work in the passenger car field.

12-POINT SOCKETS

NTD-16	1/2"	NTD-24	3/4"	NTD-30	1 5/16"
NTD-18	9/16"	NTD-25	2 5/32"	NTD-32	1"
NTD-20	5/8"	NTD-26	1 3/16"	NTD-34	1 1/16"
NTD-22	1 1/16"	NTD-28B	7/8"	NTD-36	1 1/8"

15238 Metal Tray

Number
N-412

12 Pc. Set



6008

12 PIECE STRAIGHT WALL SOCKET SET

This Set contains the most necessary sizes in the 1/2" Drive range, for all around service work.

12-POINT SOCKETS

NT-1214	7/16"	NT-1220	5/8"	NT-1226	1 3/16"
NT-1216	1/2"	NT-1222	1 1/16"	NT-1228	7/8"
NT-1218	9/16"	NT-1224	3/4"	NT-1230	1 5/16"

NT-1232 1"

DRIVE PARTS

NS-57	15" Flex Handle	NS-31	10" Cross Bar
-------	-----------------	-------	---------------

13266 Metal Box (14 3/4" x 2 1/16" x 1 5/8")

Number
6012A

12 Pc. Set

New Britain

14 PIECE STRAIGHT WALL SOCKET HOLDER SET

This is a complete, compact, low priced Socket Set furnished in a metal carrying tray. Contains the following sizes:

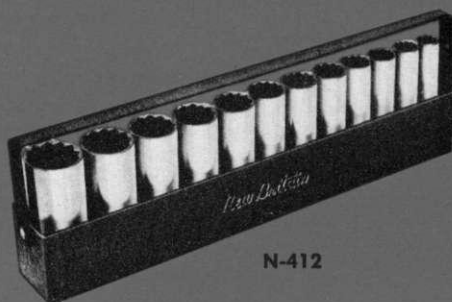
12-POINT SOCKETS

NT-1214	7/16"	NT-1222	1 1/16"	NT-1230	1 5/16"
NT-1216	1/2"	NT-1224	3/4"	NT-1232	1"
NT-1218	9/16"	NT-1225	2 5/32"	NT-1236	1 1/8"
NT-1219	1 3/32"	NT-1226	1 3/16"	NT-1240	1 1/4"
NT-1220	5/8"	NT-1228	7/8"		

15277 Metal Tray

Number
3614

14 Pc. Set



N-412

8 PIECE STRAIGHT WALL SOCKET SET

The 12" Flex Handle, together with the Sockets in this Set, will take care of a large share of all standard jobs.

12-POINT SOCKETS

NT-1214	7/16"	NT-1218	9/16"	NT-1222	1 1/16"
NT-1216	1/2"	NT-1220	5/8"	NT-1224	3/4"

DRIVE PARTS

NS-58	12" Flex Handle	NS-31	10" Cross Bar
-------	-----------------	-------	---------------

13934 Metal Box (12 1/8" x 2 1/16" x 1 1/16")

Number
6008

8 Pc. Set



6012-A

New Britain

18 PIECE SOCKET SET

Fully equipped for all 1/2" Square Drive jobs.

12-POINT SOCKETS

NT-1214	7/16"	NT-1221	2 1/32"	NT-1230	1 5/16"
NT-1216	1/2"	NT-1222	1 1/16"	NT-1232	1"
NT-1218	9/16"	NT-1224	3/4"	NT-1234	1 1/16"
NT-1219	1 9/32"	NT-1225	2 5/32"	NT-1236	1 1/8"
NT-1220	5/8"	NT-1226	1 3/16"	NT-1240	1 1/4"
		NT-1228	7/8"		

DRIVE PARTS

NS-56	18" Flex Handle	NS-31	10" Cross Bar
14539	Metal Box (18 1/8" x 4 1/4" x 1 5/8")		

Number
6018 18 Pc. Set

1/2" Square Drive Sets



6018

23 PIECE SOCKET SET

A complete basic set.

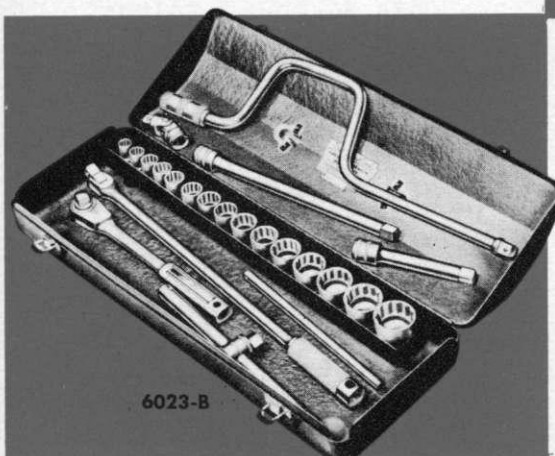
12-POINT SOCKETS

NT-1214	7/16"	NT-1222	1 1/16"	NT-1230	1 5/16"
NT-1216	1/2"	NT-1224	3/4"	NT-1232	1"
NT-1218	9/16"	NT-1225	2 5/32"	NT-1234	1 1/16"
NT-1219	1 9/32"	NT-1226	1 3/16"	NT-1236	1 1/8"
NT-1220	5/8"	NT-1228	7/8"	NT-1240	1 1/4"

DRIVE PARTS

NS-24	5" Ext.	NS-56	18" Flex Hdl.
NS-25	10" Ext.	NS-60	Universal Joint
NS-31	10" Cross Bar	NS-70	Slide Tee Hdl.
NS-43	Revs. Ratchet	NS-85	19" Speeder
14305-1	Metal Box (19 1/2" x 6 3/4" x 3 3/4")		

Number
6023 B 23 Pc. Set



6023-B

33 PIECE UTILITY SOCKET SET

Compact, versatile, wide range — no duplication.

12-POINT SOCKETS

NT-1214	7/16"	NT-1221	2 1/32"	NT-1230	1 5/16"
NT-1216	1/2"	NT-1222	1 1/16"	NT-1232	1"
NT-1218	9/16"	NT-1224	3/4"	NT-1234	1 1/16"
NT-1219	1 9/32"	NT-1225	2 5/32"	NT-1236	1 1/8"
NT-1220	5/8"	NT-1226	1 3/16"	NT-1240	1 1/4"
		NT-1228	7/8"		

8-POINT SOCKETS

NT-814	7/16"	NT-818	9/16"
NT-816	1/2"	NT-820	5/8"

DRIVE PARTS

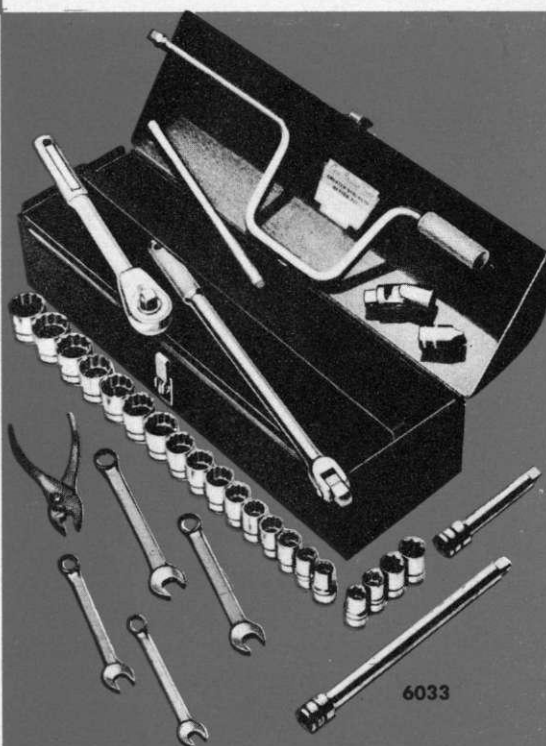
NS-24	5" Ext.	NS-57	15" Flex Hdl.
NS-25	10" Ext.	NS-60	Universal Joint
NS-31	10" Cross Bar	NS-85	19" Speeder
NS-43	Revs. Ratchet	NS-92	Drag Link Soc.

OTHER TOOLS

NDF-52	7/16" Comb. Box & Open End Wrench
NDF-54	1/2" Comb. Box & Open End Wrench
NDF-56	9/16" Comb. Box & Open End Wrench
NDF-58	5/8" Comb. Box & Open End Wrench
P-29	6" Combination Pliers

13263 Metal Box (19 1/2" x 6 3/4" x 6 1/4")

Number
6033 33 Pc. Set



6033

New Britain

3/8" SQUARE DRIVE TOOLS

The inaccessibility of many parts in modern engines demands Tools of reduced size. The modern New Britain 3/8" Drive Line is completely streamlined to get you into those tight corners.

REVERSIBLE RATCHET

Power and compactness are difficult to combine. This newly designed New Britain Ratchet does it.

Number	Length
NB-43	7"

FLEX REVERSIBLE RATCHET

The first really practical new design in Ratchets in 25 years. Can be operated at any angle from horizontal to vertical position — a full 90°. Market tested and approved by thousands of mechanics.

Number	Length
NB-50	7"

EXTENSIONS

A wide selection of lengths to afford endless combinations with the Slide Tee and Flex Handles.

Number	Length
NB-20	3"
NB-21	6"
NB-22	11"
NB-23	19"

SPEEDER

Nothing takes the place of a Speeder for turning down nuts in a hurry. By combining Flex Sockets with it, many awkward jobs can be completed.

Number	Length
NB-85	16"

SLIDE TEE HANDLE

The key tool in making special Wrenches. Combine it with Extensions and Flex Sockets.

Number	Length
NB-70	8"

FLEX HANDLE

Note the knurled grip and perfect balance. The most widely used tool in any kit is the Flex Handle.

Number	Length
NB-51	10"

CROSS BAR

A vital part of your Flex Handle.

Number	Length
NB-30	6"

NB-43

NB-50

NB-20
NB-21
NB-22
NB-23

NB-85

NB-70

NB-51

NB-30

New Britain

STRAIGHT WALL EXTRA THIN SOCKETS

12-POINT SOCKETS

Part No.	Size Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut
NB-1210	5/16"	1/8"	1/8"	
NB-1212	3/8"	3/16"	3/16"	1/4"
NB-1214	7/16"	1/4"	1/4"	1/4"
NB-1216	1/2"	1/4"	5/16"	5/16"
NB-1218	9/16"		3/8"	3/8"
NB-1219	1 1/32"	5/16"		
NB-1220	5/8"		7/16"	7/16"
NB-1222	1 1/16"	3/8"		
NB-1224	3/4"		1/2"	1/2"
NB-1226	13/16"		9/16"	
NB-1228	7/8"	1/2"	5/8"	9/16"

8-POINT SOCKETS

Part No.	Size Opening	U.S.S. Bolt Size	Hex Head Cap Screw	U.S.S. Std. Set Screw
NB-808	1/4"	#4 — .112		1/4"
NB-810	5/16"	1/8"		5/16"
NB-812	3/8"	3/16"	1/4"	3/8"
NB-814	7/16"		5/16"	7/16"
NB-816	1/2"	1/4"	3/8"	1/2"

12-POINT EXTRA DEEP SOCKETS

Part No.	Size Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut
NBD-14	7/16"		1/4"	1/4"
NBD-16	1/2"	1/4"	5/16"	5/16"
NBD-18	9/16"	3/8"	3/8"	3/8"
NBD-20	5/8"		7/16"	7/16"
NBD-22	1 1/16"	3/8"		
NBD-24	3/4"		1/2"	1/2"
NBD-26	13/16"		9/16"	
NBD-28	7/8"	1/2"	5/8"	9/16"

12-POINT FLEX SOCKETS

Part No.	Size Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut
NBF-12	3/8"	3/16"	3/16"	1/4"
NBF-14	7/16"		1/4"	1/4"
NBF-16	1/2"	1/4"	5/16"	5/16"
NBF-18	9/16"		3/8"	3/8"
NBF-20	5/8"		7/16"	7/16"
NBF-22	1 1/16"	3/8"		
NBF-24	3/4"		1/2"	1/2"

4-POINT SOCKET

This square broached Socket is designed for servicing Dynaflo transmissions.

Part No.	Size
NB-409	9/32"

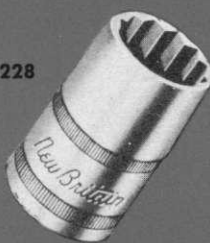
ECCENTRIC STUD EXTRACTOR

The popular detachable Stud Extractor. Its unique design permits quick dismantling. Compact in size, it can be used for setting, as well as extracting various studs. Capacity 9/16" to 3/4".

Number	Length
NB-4912	2"
NB-4915	Replacement Cam for NB-4912

3/8" Square Drive Sockets

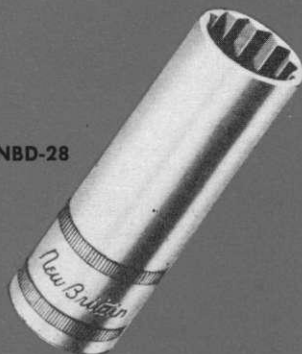
NB-1210 to NB-1228



NB-808 to NB-816



NBD-14 to NBD-28



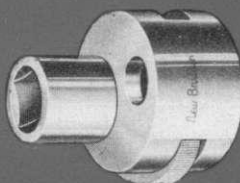
NBF-12 to NBF-24



NB-409



NB-4912



New Britain

SOCKETS AND ATTACHMENTS

3/8" DRIVE 6-POINT SOCKETS

Part No.	Size Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut
NB-612	3/8"	3/16"	3/16"	1/4"
NB-614	7/16"		1/4"	1/4"
NB-616	1/2"	1/4"	5/16"	5/16"
NB-618	9/16"	3/8"	3/8"	3/8"
NB-620	5/8"		7/16"	7/16"

3/8" DRIVE EXTRA DEEP 6-POINT SOCKETS

Part No.	Size Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut
NBD-612	3/8"	3/16"	3/16"	1/4"
NBD-614	7/16"		1/4"	1/4"
NBD-616	1/2"	1/4"	5/16"	5/16"
NBD-618	9/16"	3/8"	3/8"	3/8"
NBD-620	5/8"		7/16"	7/16"

3/8" SCREW HOLDING SCREW DRIVER SOCKET

Here's a tool that will pay for itself on one job. Specially designed for late model Chevrolet pan and push rod cover screws, its flexible shell will hold any slotted screw up to 1/2" head diameter. Try it for rapid assembly.

Number

NB-91

UNIVERSAL JOINT

A proven basic Tool for special hook-ups.

Number

NB-60

ADAPTERS

Number	Size	
	Female	Male
NM-80	1/4" to 3/8" Inc.	
NB-80	3/8" to 1/4" Red.	
NB-81	3/8" to 1/2" Inc.	

DRAG LINK SOCKET

The screw driver type Socket for slotted nuts.

Number

NB-95

Size

1 1/16" wide

RATCHET ADAPTER

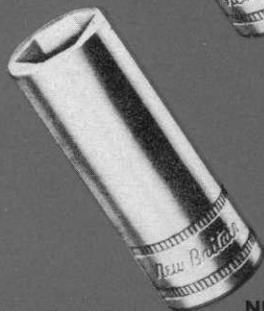
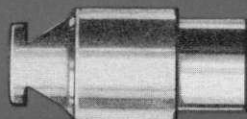
Swiftly converts flex handle, torque wrench or any drive part into a ratcheting tool with reversible action. Also available in 1/2" drive.

Part No.

NB-12

Length

2"

NB-612 to
NB-620

NBD-612 to
NBD-620


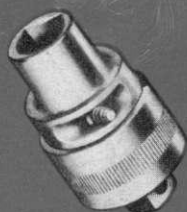
NB-91



NB-60

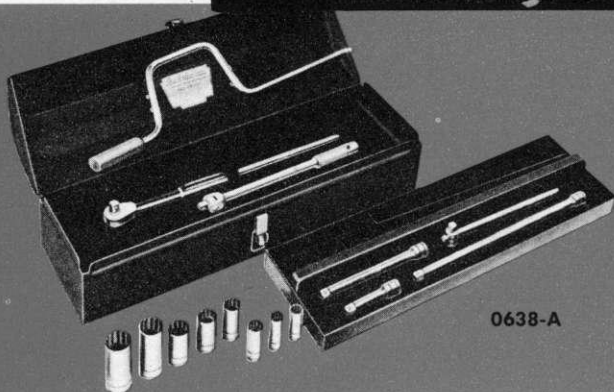

NM-80
NB-80
NB-81


NB-95



NB-12

$\frac{3}{8}$ " Square Drive Sets



0638-A

New Britain

38 PIECE AIRCRAFT SET

A fine, compact $\frac{3}{8}$ " Drive Socket Set containing all of the Sockets and Drive Parts necessary for repair and maintenance work in the automotive and aircraft fields. Like all New Britain Tools, unconditionally guaranteed against defects in workmanship and material.

8-POINT SOCKETS

NB-808	$\frac{1}{4}$ "	NB-812	$\frac{3}{8}$ "	NB-816	$\frac{1}{2}$ "
NB-810	$\frac{5}{16}$ "	NB-814	$\frac{7}{16}$ "		

12-POINT SOCKETS

NB-1210	$\frac{5}{16}$ "	NB-1216	$\frac{1}{2}$ "	NB-1222	$1\frac{1}{16}$ "
NB-1212	$\frac{3}{8}$ "	NB-1218	$\frac{9}{16}$ "	NB-1224	$\frac{3}{4}$ "
NB-1214	$\frac{7}{16}$ "	NB-1219	$1\frac{1}{32}$ "	NB-1226	$1\frac{3}{16}$ "
		NB-1220	$\frac{5}{8}$ "		

EXTRA DEEP 12-POINT SOCKETS

NBD-14	$\frac{7}{16}$ "	NBD-20	$\frac{5}{8}$ "	NBD-26	$1\frac{3}{16}$ "
NBD-16	$\frac{1}{2}$ "	NBD-22	$1\frac{1}{16}$ "	NBD-28	$\frac{7}{8}$ "
NBD-18	$\frac{9}{16}$ "	NBD-24	$\frac{3}{4}$ "		

12-POINT FLEX SOCKETS

NBF-14	$\frac{7}{16}$ "	NBF-16	$\frac{1}{2}$ "	NBF-20	$\frac{5}{8}$ "
		NBF-18	$\frac{9}{16}$ "		

DRIVE PARTS

NB-20	3" Extension	NB-43	Revs. Ratchet	NB-85	16" Speeder
NB-21	6" Extension	NB-51	10" Flex Handle	NB-91	Sc. Dr. Socket
NB-22	11" Extension	NB-60	Universal Joint	NB-95	Drag Link Socket
NB-30	6" Cross Bar	NB-70	Slide Tee Handle		

13263 Metal Box ($19\frac{1}{2}$ " x $6\frac{3}{4}$ " x $6\frac{1}{4}$ ")

Number
0638A

38 Pc. Set

15 PIECE SOCKET SET

All the most needed $\frac{3}{8}$ " Drive Sockets.

12-POINT SOCKETS

NB-1210	$\frac{5}{16}$ "	NB-1218	$\frac{9}{16}$ "
NB-1212	$\frac{3}{8}$ "	NB-1220	$\frac{5}{8}$ "
NB-1214	$\frac{7}{16}$ "	NB-1222	$1\frac{1}{16}$ "
NB-1216	$\frac{1}{2}$ "	NB-1224	$\frac{3}{4}$ "

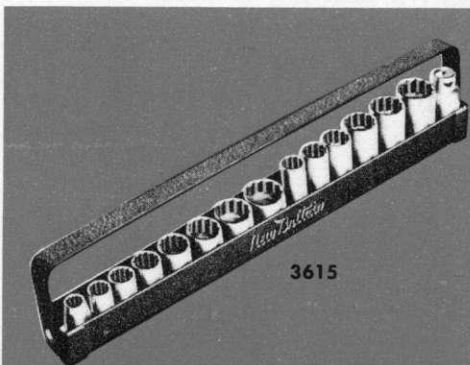
EXTRA DEEP 12-POINT SOCKETS

NBD-14	$\frac{7}{16}$ "	NBD-20	$\frac{5}{8}$ "
NBD-16	$\frac{1}{2}$ "	NBD-22	$1\frac{1}{16}$ "
NBD-18	$\frac{9}{16}$ "	NBD-24	$\frac{3}{4}$ "

NB-91 Holding Screw Driver Socket
15278 Metal Tray

Number
3615

15 Pc. Set



3615

3/8" Square Drive Sets

20

New Britain

10 PIECE SOCKET SET

This ten piece assortment includes a good selection of the most frequently used 3/8" Drive tools.

12-POINT SOCKETS

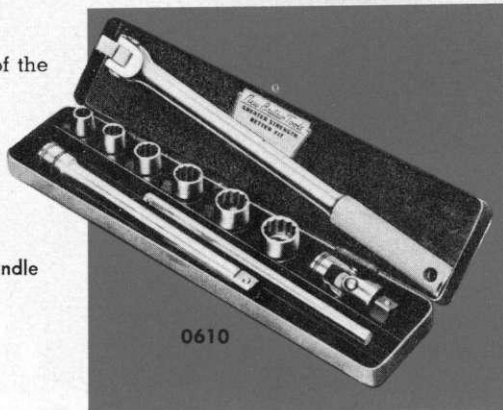
NB-1210	5/16"	NB-1216	1/2"
NB-1212	3/8"	NB-1218	9/16"
NB-1214	7/16"	NB-1220	5/8"

DRIVE PARTS

NB-21	6" Extension	NB-51	10" Flex Handle
NB-30	Cross Bar	NB-60	Univ. Joint
13658	Metal Box (10" x 2 1/4" x 1 1/8")		

Number
0610

10 Pc. Set



15 PIECE SOCKET SET

With this versatile combination of tools, almost any difficult spot around a motor can be reached.

12-POINT SOCKETS

NB-1210	5/16"	NB-1219	1 9/32"
NB-1212	3/8"	NB-1220	5/8"
NB-1214	7/16"	NB-1222	1 1/16"
NB-1216	1/2"	NB-1224	3/4"
NB-1218	9/16"		

DRIVE PARTS

NB-21	6" Extension	NB-51	10" Flex Handle
NB-22	11" Extension	NB-60	Univ. Joint
NB-30	Cross Bar	NB-85	16" Speeder
14770	Metal Box (17 1/2" x 5 1/4" x 1 1/4")		

Number
0615

15 Pc. Set

25 PIECE SOCKET SET

A very complete set which includes a 16" Speeder, Universal Joint and, in addition, the famous New Britain Reversible Ratchet.

8-POINT SOCKETS

NB-810	5/16"	NB-814	7/16"
NB-812	3/8"		

12-POINT SOCKETS

NB-1210	5/16"	NB-1219	1 9/32"
NB-1212	3/8"	NB-1220	5/8"
NB-1214	7/16"	NB-1222	1 1/16"
NB-1216	1/2"	NB-1224	3/4"
NB-1218	9/16"		

12-POINT FLEX SOCKETS

NBF-16	1/2"	NBF-20	5/8"
NBF-18	9/16"	NBF-22	1 1/16"

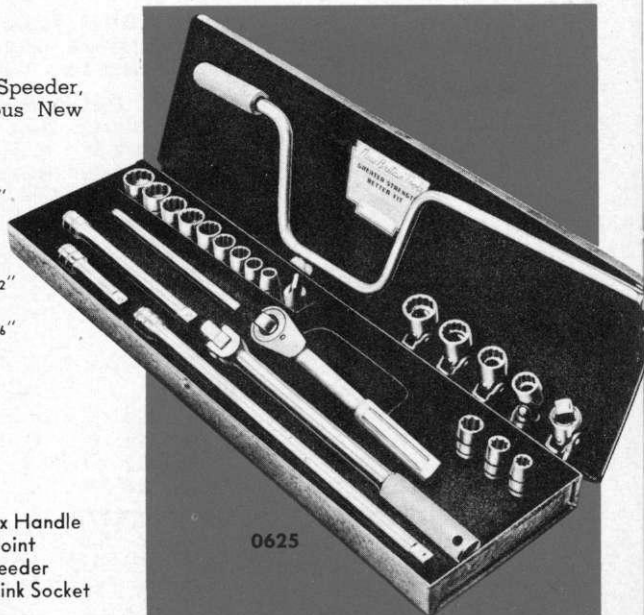
DRIVE PARTS

NB-20	3" Extension	NB-51	10" Flex Handle
NB-21	6" Extension	NB-60	Univ. Joint
NB-22	11" Extension	NB-85	16" Speeder
NB-30	Cross Bar	NB-95	Drag Link Socket
NB-43	7" Revs. Ratchet		

14770 (Metal Box (17 1/2" x 5 1/4" x 1 1/4"))

Number
0625

25 Pc. Set



New Britain

MIDGET DRIVE TOOLS AND SOCKETS

1/4" Square Drive

As finely made as a watch — the correct tools for work on Airplanes, Refrigerators, Generators, and Carburetors.

MIDGET REVERSIBLE RATCHET

Mighty handy "little giant," strong and compact.

Number Length
NM-43 5"

MIDGET FLEX HANDLE

A fast Spinner. Use with Cross Bar as Tee Handle.

Number Length
NM-51 (Flex Hdl.) 6"
NM-31 (Cross Bar) 4 1/2"

MIDGET SLIDE TEE HANDLE

A fine basic tool. Combines with extensions.

Number Length
NM-70 4 1/2"

MIDGET EXTENSION

Great strength for safe use on any type of work.

Number Length
NM-20 6"
NM-23 3"

MIDGET SPINNER HANDLE

A comfortable grip makes this a favorite tool.

Number Length
NM-64 (amber) 6"

MIDGET FLEXIBLE SPINNER

This amazing tool works easily around obstructions.

Number Length
NM-38 6"

MIDGET FLEXIBLE EXTENSION

Combines a flexible shaft with regular 1/4" handles.

Number Length
NM-39 4"

MIDGET SCREW DRIVER SOCKET

Save time. Attach this to regular 1/4" handles.

Number Length
NM-66 7/8"

6-POINT SOCKETS

Part No.	Size	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut
NM-606	3/16"	#2	.086	
NM-607	7/32"			
NM-608	1/4"	#4	.112	
NM-609	9/32"			
NM-610	5/16"	1/8"	1/8"	
NM-611	11/32"			
NM-612	3/8"	3/16"	3/16"	
NM-614	7/16"	1/4"	1/4"	

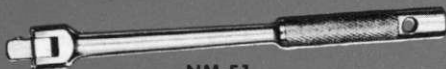
8-POINT SOCKETS

Part No.	Size	U.S.S. Bolt Size	U.S.S. or Amer. Std. Set Screw
NM-808	1/4"	#4	.112
NM-810	5/16"	1/8"	5/16"
NM-812	3/8"	3/16"	3/8"

1/4" Square Drive Tools



NM-43



NM-51



NM-31



NM-70

NM-20
NM-23

NM-64



NM-38



NM-39



NM-66

NM-606
to NM-614NM-808
to NM-812

1/4" Square Drive Sets

22

10 PIECE MIDGET SET

An indispensable Set. Finds constant use in every garage. Includes the sockets used every day with an easy-to-use Adapter for getting into close corners.

6-POINT SOCKETS

NM-606	3/16"	NM-609	7/32"	NM-612	3/8"
NM-607	7/32"	NM-610	5/16"	NM-614	7/16"
NM-608	1/4"	NM-611	11/32"		

DRIVE PARTS

NM-64	6" Amber Handle Adpt.	NM-66	Sc. Dr. Soc., 7/8"
13265	Metal Box (6 13/16" x 2 5/16" x 1 1/16")		

Number
1610

10 Piece Set



1610

17 PIECE MIDGET SET

The tools in this set are extremely useful to mechanics in adjusting distributors, carburetors, generators — wherever fine work is done.

6-POINT SOCKETS

NM-606	3/16"	NM-609	7/32"	NM-612	3/8"
NM-607	7/32"	NM-610	5/16"	NM-614	7/16"
NM-608	1/4"	NM-611	11/32"		

8-POINT SOCKETS

NM-808	1/4"	NM-810	5/16"	NM-812	3/8"
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DRIVE PARTS

NM-20	6" Socket Ext.	NM-70	4 1/2" Slide Tee
NM-31	4 1/2" Cross Bar	NM-38	6" Flex. Spinner
NM-51	6" Flex Handle	NM-43	5" Revs. Ratchet
13990	Metal Box (6 13/16" x 3 13/16" x 1 1/16")		

Number
1617

17 Pc. Set



1617

34 PIECE MASTER IGNITION SET

Intended for use by carburetor and ignition specialists. Has many uses in the service and installation of radios and electrical appliances.

6-POINT SOCKETS

NM-606	3/16"	NM-609	7/32"	NM-612	3/8"
NM-607	7/32"	NM-610	5/16"	NM-614	7/16"
NM-608	1/4"	NM-611	11/32"		

8-POINT SOCKETS

NM-808	1/4"	NM-810	5/16"	NM-812	3/8"
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OTHER PARTS

NM-66	7/8" Screw Driver Socket
D-12	2" Pocket Screw Driver
P-36	5" Ign. Pliers
E-356	3/16" x 1 3/64" Ignition Box Wr.
E-358	7/32" x 1 5/64" Ignition Box Wr.
E-360	1/4" x 1 1/32" Ignition Box Wr.
E-362	5/16" x 1 1/32" Ignition Box Wr.
E-114	1 3/64" x 1 5/64" Ignition O.E. Wr.
E-116	7/32" x 1/4" Ignition O.E. Wr.
E-118	1 5/64" x 1 3/64" Ignition O.E. Wr.
E-120	1/4" x 7/32" Ignition O.E. Wr.
E-128	5/16" x 7/32" Ignition O.E. Wr.
E-132	3/8" x 1 1/32" Ignition O.E. Wr.
FG-7	Ignition Feeler Gauge
F-202	5 1/2" Ignition Pt. File

DRIVE PARTS

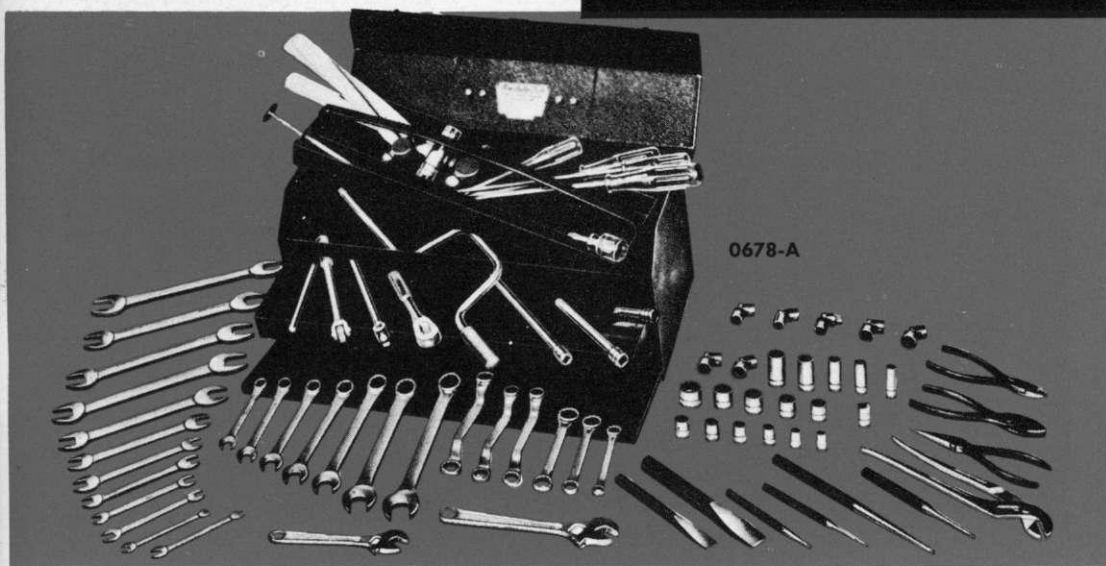
NM-20	6" Extension
NM-23	3" Extension
NM-31	4 1/2" Cross Bar
NM-39	4" Flex Ext.
NM-43	Revs. Ratchet
NM-51	6" Flex Hdl.
NM-64	Spinner Wr.
NM-70	4 1/2" Tee Hdl.
18497	Metal Box (9" x 5" x 1 1/4")

Number
1634

34 Piece Set



1634



New Britain

78 PIECE AIRCRAFT SET

A comprehensive selection of top quality tools most used in aircraft maintenance work with special attention to the need for operating in close quarters. The set includes finest alloy thin-wall sockets and latest design drive parts — all triple chrome plate, chrome finish . . . complete set of forged wrenches, pliers, screw drivers, hammers, punches and chisels.

3/8" DRIVE — 12-POINT SOCKETS

NB-1210	5/16"	NB-1220	5/8"	NBD-14	7/16" Deep	NBF-14	7/16" Flex.
NB-1212	3/8"	NB-1222	1 1/16"	NBD-16	1/2" Deep	NBF-16	1/2" Flex.
NB-1214	7/16"	NB-1224	3/4"	NBD-18	9/16" Deep	NBF-18	9/16" Flex.
NB-1216	1/2"	NB-1226	13/16"	NBD-20	5/8" Deep	NBF-20	5/8" Flex.
NB-1218	9/16"	NB-1228	7/8"	NBF-12	3/8" Flex.	NBF-22	1 1/16" Flex.
NB-1219	1 1/32"					NBF-24	3/4" Flex.

3/8" DRIVE PARTS

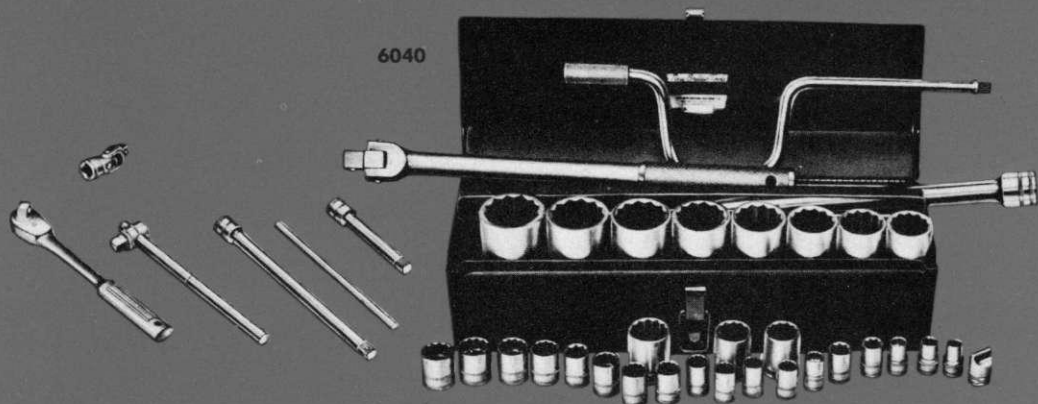
NB-20	3" Extension	NB-43	6" Revers. Ratchet	NB-70	8" Slide Tee Handle
NB-21	6" Extension	NB-51	10" Flex Handle	NB-85	16" Speeder
NB-22	11" Extension	NB-60	Universal Joint	NB-95	Drag Link Socket
NB-30	Cross Bar				

FORGED WRENCHES

NDF-8	3/16" x 1/4" O.E.	NDF-25	3/4" x 1 1/8" O.E.	NDF-62	3/4" Combination
NDF-10	1/4" x 5/16" O.E.	NDF-27	25/32" x 1 1/8" O.E.	NDF-300	3/8" x 7/16" 45° Sh. Bx.
NDF-12	5/16" x 3/8" O.E.	NDF-28	3/4" x 7/8" O.E.	NDF-302	1/2" x 1/16" 45° Sh. Bx.
NDF-14	3/8" x 7/16" O.E.	NDF-50	3/8" Combination	NDF-304	5/8" x 1 1/16" 45° Sh. Bx.
NDF-16	7/16" x 1/2" O.E.	NDF-52	7/16" Combination	NDF-400	3/8" x 7/16" 15° Sh. Bx.
NDF-18	1/2" x 9/16" O.E.	NDF-54	1/2" Combination	NDF-402	1/2" x 9/16" 15° Sh. Bx.
NDF-20	9/16" x 5/8" O.E.	NDF-56	9/16" Combination	NDF-404	5/8" x 1 1/16" 15° Sh. Bx.
NDF-22	5/8" x 3/4" O.E.	NDF-58	5/8" Combination	AW-6	6" Adjustable Wrench
NDF-23	1 1/16" x 25/32" O.E.	NDF-60	1 1/16" Combination	AW-8	8" Adjustable Wrench

OTHER TOOLS

P-29	6" Slip Joint Pliers	926	6 1/4" Cold Chisel	D-42	Screw Driver—1 3/4" Stubby
P-30	Water Pump Pliers	928	8" Cold Chisel	D-24	4" Screw Driver Tenite Hdle.
P-45	6" Diag. Cut. Pliers	963	8" Taper Punch	D-26	6" Screw Driver Tenite Hdle.
P-582	Long Nose Cut. Pliers	949	5" Center Punch	D-28	8" Screw Driver Tenite Hdle.
H-3	3 1/2 oz. B. P. Hammer	955	5 3/4" Pin Punch	D-310	10" Screw Driver Tenite Hdle.
H-12	12 oz. B. P. Hammer	957	6 1/4" Pin Punch	MH-6	8 3/4" Holding Tool
H-76	8 oz. S. F. Hammer	14391	Metal Box (19" x 7 3/4" x 9")		



New Britain

40 PIECE TRUCK & TRACTOR SET

Especially suited for work on trucks, buses, industrial equipment and farm machinery. This set includes a wide selection of $\frac{1}{2}$ " Drive 12 Point and 8 Point Sockets, as well as the handles to be used with them. The eleven $\frac{3}{4}$ " Drive Sockets cover the most widely used large size nuts. The handles and extensions for these Sockets are included.

$\frac{1}{2}$ " DRIVE — 12-POINT SOCKETS

NT-1214	$\frac{7}{16}$ "	NT-1221	$2\frac{1}{32}$ "	NT-1228	$\frac{7}{8}$ "
NT-1216	$\frac{1}{2}$ "	NT-1222	$1\frac{1}{16}$ "	NT-1230	$1\frac{5}{16}$ "
NT-1218	$\frac{9}{16}$ "	NT-1224	$\frac{3}{4}$ "	NT-1231	$1\frac{1}{32}$ "
NT-1219	$1\frac{1}{32}$ "	NT-1225	$2\frac{5}{32}$ "	NT-1232	1"
NT-1220	$\frac{5}{8}$ "	NT-1226	$1\frac{3}{16}$ "		

$\frac{1}{2}$ " DRIVE — 8-POINT SOCKETS

NT-814	$\frac{7}{16}$ "	NT-818	$\frac{9}{16}$ "
NT-816	$\frac{1}{2}$ "	NT-820	$\frac{5}{8}$ "

$\frac{1}{2}$ " DRIVE PARTS

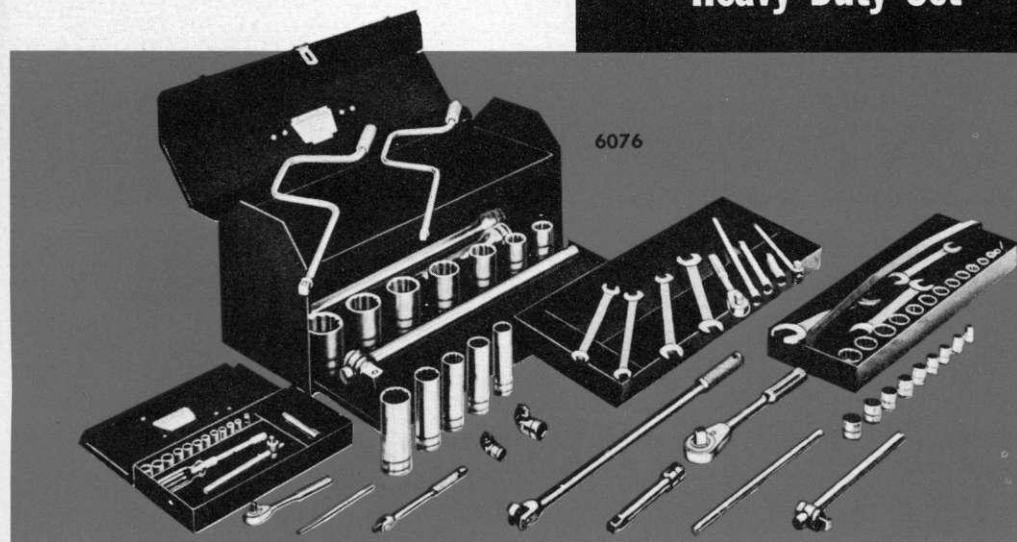
NS-24	5" Extension	NS-43	Revs. Ratchet	NS-70	Slide Tee Handle
NS-25	10" Extension	NS-57	15" Flex Handle	NS-85	19" Speeder
NS-31	10" Cross Bar	NS-60	Universal Joint	NS-92	$1\frac{5}{16}$ " Drag Lk. Soc.

$\frac{3}{4}$ " DRIVE — 12-POINT SOCKETS

NH-1234	$1\frac{1}{16}$ "	NH-1246	$1\frac{7}{16}$ "	NH-1256	$1\frac{3}{4}$ "
NH-1236	$1\frac{1}{8}$ "	NH-1248	$1\frac{1}{2}$ "	NH-1258	$1\frac{13}{16}$ "
NH-1240	$1\frac{1}{4}$ "	NH-1252	$1\frac{5}{8}$ "	NH-1260	$1\frac{7}{8}$ "
NH-1244	$1\frac{3}{8}$ "	NH-1254	$1\frac{11}{16}$ "		

$\frac{3}{4}$ " DRIVE PARTS

NH-29	16" Extension	NH-55	19" Flex Handle
13263	Metal Box ($19\frac{1}{2}$ " x $6\frac{3}{4}$ " x $6\frac{1}{4}$ ")		



New Britain

76 PIECE HEAVY DUTY SET

A complete range of all Drive Sockets and Drive Parts. The $\frac{3}{4}$ " Drive Tools are particularly adapted for heavy duty service in the truck and bus field.

$\frac{3}{4}$ " DRIVE — 12-POINT SOCKETS

NH-1234	$1\frac{1}{16}$ "	NH-1240	$1\frac{1}{4}$ "	NH-1252	$1\frac{5}{8}$ "
NH-1236	$1\frac{1}{8}$ "	NH-1246	$1\frac{7}{16}$ "	NH-1256	$1\frac{3}{4}$ "
		NH-1248	$1\frac{1}{2}$ "		

$\frac{3}{4}$ " DRIVE PARTS

NH-28	8" Extension	NH-29	16" Extension	NH-70	Slide Tee Handle
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$\frac{1}{2}$ " DRIVE — 12-POINT SOCKETS

NT-1214	$\frac{7}{16}$ "	NT-1220	$\frac{5}{8}$ "	NT-1226	$1\frac{3}{16}$ "
NT-1216	$\frac{1}{2}$ "	NT-1222	$1\frac{1}{16}$ "	NT-1228	$\frac{7}{8}$ "
NT-1218	$\frac{9}{16}$ "	NT-1224	$\frac{3}{4}$ "	NT-1230	$1\frac{5}{16}$ "
NT-1219	$1\frac{1}{32}$ "	NT-1225	$2\frac{9}{32}$ "	NT-1232	1"

NFV-618 $\frac{9}{16}$ " for Ford Connecting Rods

$\frac{1}{2}$ " DRIVE — EXTRA DEEP 12-POINT SOCKETS

NTD-26	$1\frac{3}{16}$ "	NTD-30	$1\frac{5}{16}$ "	NTD-36	$1\frac{1}{8}$ "
NTD-28B	$\frac{7}{8}$ "	NTD-32	1"		

$\frac{1}{2}$ " DRIVE PARTS

NS-24	5" Extension	NS-56	18" Flex Hdle.	NS-85	19" Speeder
NS-31	10" Cross Bar	NS-60	Univ. Joint	NS-92	$1\frac{5}{16}$ " Drag. Lk. Socket
NS-43	Revs. Ratchet	NS-70	Slide Tee Hdle.		

$\frac{3}{8}$ " DRIVE — 12-POINT SOCKETS

NB-1210	$\frac{5}{16}$ "	NB-1216	$\frac{1}{2}$ "	NB-1220	$\frac{5}{8}$ "
NB-1212	$\frac{3}{8}$ "	NB-1218	$\frac{9}{16}$ "	NB-1222	$1\frac{1}{16}$ "
NB-1214	$\frac{7}{16}$ "	NB-1219	$1\frac{1}{32}$ "	NB-1224	$\frac{3}{4}$ "

$\frac{3}{8}$ " DRIVE PARTS

NB-20	3" Extension	NB-22	11" Extension	NB-70	Slide Tee Hdl.
NB-21	6" Extension	NB-43	Revs. Ratchet	NB-85	16" Speeder
		NB-60	Univ. Joint		

$\frac{1}{4}$ " DRIVE TOOLS

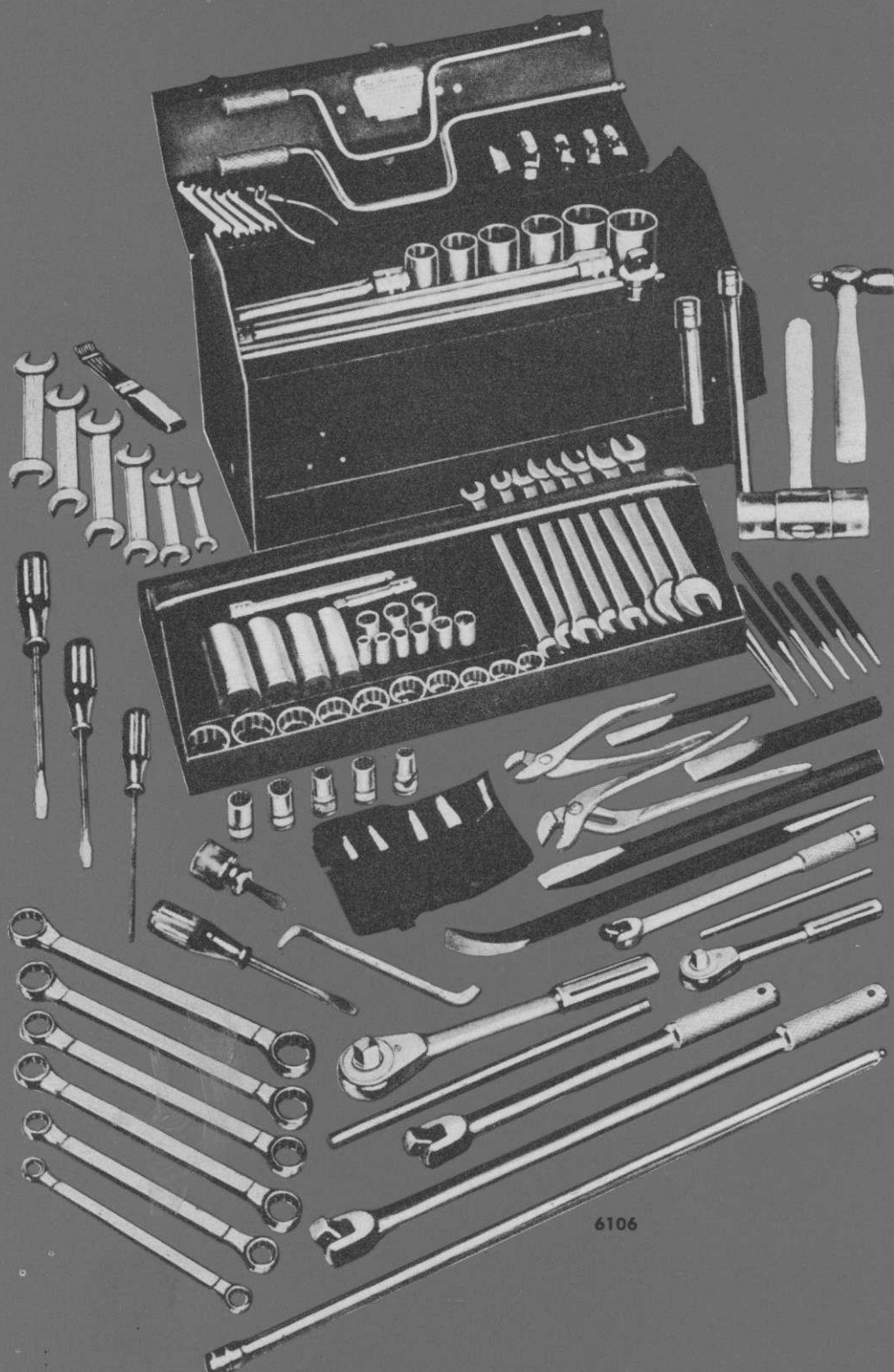
1617 17 Piece Midget Set

WRENCHES

NDF-14	$\frac{3}{8}$ " x $\frac{7}{16}$ " Open End	NDF-82	$\frac{1}{2}$ " x $\frac{9}{16}$ " Tappet (2)
NDF-18	$\frac{1}{2}$ " x $\frac{9}{16}$ " Open End	NDF-84	$\frac{5}{8}$ " x $1\frac{1}{16}$ " Tappet (2)
NDF-22	$\frac{5}{8}$ " x $\frac{3}{4}$ " Open End		

14391 Metal Box (19" x 7 $\frac{3}{4}$ " x 9")

Super Service Set



6106

New Britain

106 Piece Assortment

106 PIECE ASSORTMENT

SUPER SERVICE SET

This set contains all the basic tools to make quick work of most standard jobs in any shop. A few extra tools can be added as needed to specialize on Ford, Chevrolet, Ignition, Brakes, etc.

1/2" DRIVE—12-POINT SOCKETS

NT-1214	7/16"	NT-1221	2 1/32"	NT-1228	7/8"
NT-1216	1/2"	NT-1222	1 1/16"	NT-1230	15/16"
NT-1218	9/16"	NT-1224	3/4"	NT-1231	3 1/32"
NT-1219	1 1/32"	NT-1225	2 5/32"	NT-1232	1"
NT-1220	5/8"	NT-1226	13/16"	NT-1234	1 1/16"

1/2" DRIVE—EXTRA DEEP 12-POINT SOCKETS

NTD-24	3/4"	NTD-26	13/16"	NTD-28B	7/8"	NTD-32	1"
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1/2" DRIVE PARTS

NS-24	5" Extension	NS-43	Revs. Ratchet	NS-60	Univ. Joint
NS-25	10" Extension	NS-56	18" Flex. Hdle.	NS-85	19" Speeder
NS-31	10" Cross Bar	NS-58	12" Flex. Hdle.	NS-92	15/16" Drag Lk. Socket

3/8" DRIVE—12-POINT SOCKETS

NB-1210	5/16"	NB-1218	9/16"	NB-1226	13/16"
NB-1212	3/8"	NB-1220	5/8"	NBF-16	1/2" Flex
NB-1214	7/16"	NB-1222	1 1/16"	NBF-18	7/16" Flex
NB-1216	1/2"	NB-1224	3/4"		

3/8" DRIVE PARTS

NB-20	3" Extension	NB-30	Cross Bar	NB-60	Universal Joint
NB-21	6" Extension	NB-43	Revs. Ratchet	NB-85	16" Speeder
NB-23	19" Extension	NB-51	10" Flex. Hdle.		

3/4" DRIVE—12-POINT SOCKETS

NH-1236	1 1/8"	NH-1244	1 3/8"	NH-1248	1 1/2"
NH-1240	1 1/4"	NH-1246	1 7/16"	NH-1252	1 5/8"

3/4" DRIVE PARTS

NH-28	8" Extension	NH-29	16" Extension	NH-55	19" Flex. Hdle.
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OTHER TOOLS

NDF-200	3/8" x 7/16" 15° Box Wr.	NDF-10	1/4" x 5/16" Open End Wr.
NDF-202	1/2" x 9/16" 15° Box Wr.	NDF-18	1/2" x 9/16" Open End Wr.
NDF-204	5/8" x 1 1/16" 15° Box Wr.	NDF-22	5/8" x 3/4" Open End Wr.
NDF-206	3/4" x 25/32" 15° Box Wr.	NDF-27	25/32" x 13/16" Open End Wr.
NDF-210	13/16" x 7/8" 15° Box Wr.	NDF-28	3/4" x 7/8" Open End Wr.
NDF-212	15/16" x 1" 15° Box Wr.	NDF-30	15/16" x 1" Open End Wr.
(2) NDF-80	7/16" x 17/32" Tap. Wr.	E-114	13/64" x 15/64" Ignition Wr.
(2) NDF-82	1/2" x 9/16" Tap. Wr.	E-116	7/32" x 1/4" Ignition Wr.
(2) NDF-84	5/8" x 1 1/16" Tap. Wr.	E-124	9/32" x 5/16" Ignition Wr.
(2) NDF-86	3/4" x 7/8" Tap. Wr.	E-130	1 1/32" x 3/8" Ignition Wr.
P-36	Ignition Pliers	220	Rivet Buster
P-30	Adj. Water Pump Pliers	376	5/16" x 5" Offset Sc. Driver
P-40	Battery Pliers	926	6 1/4" Cold Chisel
P-204	Flex. Carbon Scraper	928	8" Cold Chisel
H-16	16 oz. Ball Pein Hammer	936	16" Jimmy Bar
H-76	Soft Face Hammer	949	5" Center Punch
D-24	4" Std. Bl. Tenite Hdle. Sc. Dr.	955	5 3/4" Pin Punch
D-26	6" Std. Bl. Tenite Hdle. Sc. Dr.	956	5 3/4" Pin Punch
D-28	8" Std. Bl. Tenite Hdle. Sc. Dr.	957	6 1/4" Pin Punch
D-36	6" Thin Bl. Tenite Hdle. Sc. Dr.	963	8" Long Taper Punch
D-42	1 3/4" Stubby Tenite Hdle. Sc. Dr.	964	9" Long Taper Punch
E-20	4 Pc. Screw Extractor Set	16000	Steel Box (1 1/4" x 10 1/8" x 20 1/8")

Number
6106

106 Pc. Set



*New Britain***151 Piece Assortment****151 PIECE ASSORTMENT • MASTER TOOL SET****1/2" DRIVE—8-POINT SOCKETS**

NT-814 7/16"

NT-816 1/2"

NT-818 3/4"

1/2" DRIVE—12-POINT SOCKETS

NT-1214 7/16"

NT-1219 1 1/32"

NT-1224 3/4"

NT-1228 7/8"

NT-1216 1/2"

NT-1220 5/8"

NT-1225 25/32"

NT-1230 15/16"

NT-1218 3/4"

NT-1222 1 1/16"

NT-1226 13/16"

NT-1232 1"

1/2" DRIVE—EXTRA DEEP 12-POINT SOCKETS

NTD-26 13/16"

NTD-30 15/16"

NTD-36 1 1/8"

NTD-28B 7/8"

NTD-32 1"

NFV-618 3/16" Ford Cn. Rd. Soc.

1/2" DRIVE PARTS

NS-24 5" Extension

NS-43 Revs. Ratchet

NS-70 Slide Tee Handle

NS-25 10" Extension

NS-56 18" Flex Handle

NS-85 19" Speeder

NS-31 10" Cross Bar

NS-60 Univ. Joint

NS-92 15/16" Drag. Lk. Soc.

3/8" DRIVE—12-POINT SOCKETS

NB-1210 5/16"

NB-1216 1/2"

NB-1220 5/8"

NB-1226 13/16"

NB-1212 3/8"

NB-1218 7/16"

NB-1222 1 1/16"

NBF-16 1 1/2" Flex

NB-1214 7/16"

NB-1219 1 1/32"

NB-1224 3/4"

NBF-18 3/16" Flex

3/8" DRIVE—EXTRA DEEP 12-POINT SOCKETS

NBD-16 1/2"

NBD-20 5/8"

NBD-24 3/4"

NBD-28 7/8"

NBD-18 3/4"

NBD-22 1 1/16"

NBD-26 13/16"

3/8" DRIVE PARTS

NB-20 3" Extension

NB-43 Revs. Ratchet

NB-70 Slide Tee Handle

NB-21 6" Extension

NB-60 Univ. Joint

NB-85 16" Speeder

NB-22 11" Extension

NB-91 Screw Driver Soc.

NB-51 10" Flex Handle

NB-95 Drag Link Socket

1/4" DRIVE TOOLS

No. 1617 17 Piece Midget Set

3/4" DRIVE—12-POINT SOCKETS

NH-1234 1 1/16"

NH-1240 1 1/4"

NH-1246 1 7/16"

NH-1252 1 5/8"

NH-1236 1 1/8"

NH-1244 1 3/8"

NH-1248 1 1/2"

NH-1256 1 3/4"

3/4" DRIVE PARTS

NH-28 8" Extension

NH-29 16" Extension

NH-55 19" Flex Handle

WRENCHES

NDF-14 3/8" x 7/16" O. E.

E-120 1/4" x 7/32" Ignition

NDF-200 3/8" x 7/16" 15° Lg. Bx.

NDF-18 1/2" x 3/16" O. E.

E-124 9/32" x 5/16" Ignition

NDF-202 1/2" x 3/16" 15° Lg. Bx.

NDF-22 5/8" x 3/4" O. E.

E-128 5/16" x 9/32" Ignition

NDF-204 5/8" x 1 1/16" 15° Lg. Bx.

NDF-25 3/4" x 13/16" O. E.

E-130 1 1/32" x 3/8" Ignition

NDF-206 3/4" x 25/32" 15° Lg. Bx.

NDF-28 3/4" x 7/8" O. E.

E-132 3/8" x 1 1/32" Ignition

NDF-210 1 3/16" x 7/8" 15° Lg. Bx.

NDF-30 15/16" x 1" O. E.

E-134 7/16" x 1/2" Ignition

NDF-212 1 5/16" x 1" 15° Lg. Bx.

NDF-82 1/2" x 3/16" Tap. (2)

E-356 3/16" x 13/64" Ign. Bx.

NDF-400 3/8" x 7/16" 15° Short Bx.

NDF-84 5/8" x 1 1/16" Tap. (2)

E-358 7/32" x 15/64" Ign. Bx.

NDF-402 1/2" x 3/16" 15° Short Bx.

E-114 13/64" x 15/64" Ignition

E-360 1/4" x 9/32" Ign. Bx.

NDF-404 5/8" x 1 1/16" 15° Short Bx.

E-116 7/32" x 1/4" Ignition

E-362 5/16" x 1 1/32" Ign. Bx.

M-109 5/8" x 3/16" Hf. Moon

OTHER TOOLS

H-2 2 oz. B. P. Hammer

220 Rivet Buster

E-101 1/4" to 5/16" Screw Extr.

H-16 16 oz. B. P. Hammer

925 5 1/2" Flat Chisel

E-102 5/16" to 3/8" Screw Extr.

P-29 6" Slip Joint Pliers

926 6 1/4" Flat Chisel

E-103 3/8" to 7/16" Screw Extr.

P-30 Water Pump Pliers

928 8" Flat Chisel

E-104 7/16" to 1/2" Screw Extr.

P-36 4 1/2" Ignition Pliers

950 5 1/2" Center Punch

E-105 1/2" to 5/8" Screw Extr.

P-40 7" Battery Pliers

952 Prick Punch

E-106 5/8" up Screw Extr.

P-50 7" Diagonal Cutters

955 5 3/4" Pin Punch

M-200 Tappet Adjusting Tool

D-26 6" Tenite Hdle. Sc. Dr.

956 5 3/4" Pin Punch

P-204 Carbon Scraper (Flex.)

D-28 8" Tenite Hdle. Sc. Dr.

958 7" Pin Punch

NR-195 Wire Brush

DP-3 No. 1 Pt. Phillips Screw Dr.

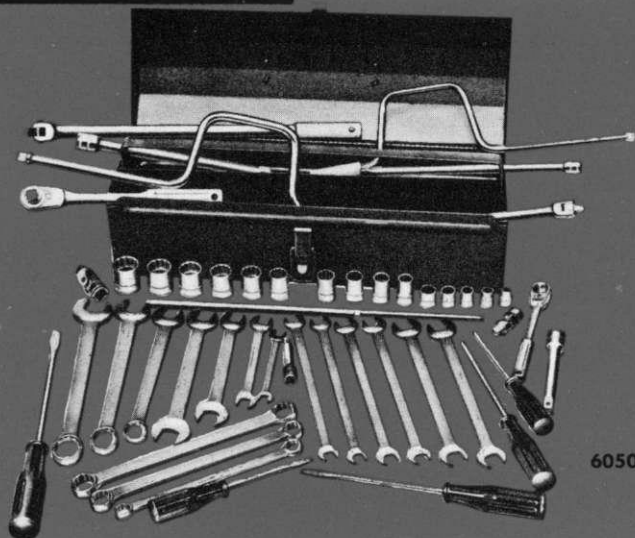
959 7 1/2" Pin Punch

F-202 Ignition File

DP-4 No. 2 Pt. Phillips Screw Dr.

FG-3 All Purp. Feeler Gauge

14762 Metal Box (24" x 11 5/8" x 9 3/8")



6050

New Britain

50 PIECE MULTI-DUTY SET

The $\frac{3}{8}$ " and $\frac{1}{2}$ " Square Drive Tools can be used in both automotive and aircraft repair work. The Open End, Box, Combination and Tappet Wrenches are of the latest improved New Britain design thereby insuring the most satisfactory performance.

$\frac{1}{2}$ " DRIVE — 12-POINT SOCKETS

NT-1216	$\frac{1}{2}$ "	NT-1221	$2\frac{1}{32}$ "	NT-1228	$\frac{7}{8}$ "
NT-1218	$\frac{9}{16}$ "	NT-1222	$1\frac{1}{16}$ "	NT-1230	$1\frac{5}{16}$ "
NT-1220	$\frac{5}{8}$ "	NT-1224	$\frac{3}{4}$ "	NT-1232	1"
		NT-1226	$1\frac{3}{16}$ "		

$\frac{1}{2}$ " DRIVE PARTS

NS-24	5" Extension	NS-31	10" Cross Bar	NS-60	Universal Joint
NS-25	10" Extension	NS-43	Revs. Ratchet	NS-85	19" Speeder
		NS-56	18" Flex Handle		

$\frac{3}{8}$ " DRIVE — 12-POINT SOCKETS

NB-1210	$\frac{5}{16}$ "	NB-1214	$\frac{7}{16}$ "	NB-1218	$\frac{9}{16}$ "
NB-1212	$\frac{3}{8}$ "	NB-1216	$\frac{1}{2}$ "		

$\frac{3}{8}$ " DRIVE PARTS

NB-20	3" Extension	NB-30	Cross Bar	NB-60	Universal Joint
NB-22	11" Extension	NS-43	Revs. Ratchet	NB-85	16" Speeder
		NB-51	10" Flex Handle		

OTHER TOOLS

NDF-14	$\frac{3}{8}$ " x $\frac{7}{16}$ " Open End Wrench	NDF-84	$\frac{5}{8}$ " x $1\frac{1}{16}$ " Tappet Wrench (2)
NDF-18	$\frac{1}{2}$ " x $\frac{9}{16}$ " Open End Wrench	NDF-202	$\frac{1}{2}$ " x $\frac{9}{16}$ " 15° Box Wrench
NDF-22	$\frac{5}{8}$ " x $\frac{3}{4}$ " Open End Wrench	NDF-204	$\frac{5}{8}$ " x $1\frac{1}{16}$ " 15° Box Wrench
NDF-25	$\frac{3}{4}$ " x $1\frac{3}{16}$ " Open End Wrench	NDF-206	$\frac{3}{4}$ " x $2\frac{5}{32}$ " 15° Box Wrench
NDF-62	$\frac{3}{4}$ " Comb. Box & Open End	D-24	4" Rd. Shk. Tenite Hdle. Sc. Driver
NDF-64	$\frac{7}{8}$ " Comb. Box & Open End	D-26	6" Rd. Shk. Tenite Hdle. Sc. Driver
NDF-66	$1\frac{5}{16}$ " Comb. Box & Open End	D-28	8" Rd. Shk. Tenite Hdle. Sc. Driver
NDF-80	$\frac{7}{16}$ " x $1\frac{17}{32}$ " Tappet Wrench (2)	DP-4	No. 2 Pt. Phillips Tenite Hdle. Sc. Driver
NDF-82	$\frac{1}{2}$ " x $\frac{9}{16}$ " Tappet Wrench (2)	DP-6	No. 3 Pt. Phillips Tenite Hdle. Sc. Driver

13263 Metal Box ($19\frac{1}{2}$ " x $6\frac{3}{4}$ " x $6\frac{1}{4}$ ")

Number
6050

50 Pc. Set

New Britain

MASTER PORTABLE TOOL CABINET

The handsomest and most serviceable Tool Safe available in the industry. The New Britain Master Rollaway Cabinet affords many distinct advantages. No. 19110, when closed, occupies a minimum of space, rolls under the standard shop bench and is furnished with tumbler type lock to insure against pilferage. When open, the drop front slides into a recessed position beneath the top . . . the Tool Chest No. 14762 may then be placed on top or remain in the well at the base. There are three steel drawers, 4" deep with roller slides in the Cabinet. The Tool Chest also contains three steel drawers. Note the 6" detachable shelf at the right which is perforated to accept valves or tools when working. Tool Chest is 24" wide, 11 $\frac{5}{8}$ " high and 9 $\frac{3}{8}$ " deep. Rollaway measures 26 $\frac{1}{2}$ " wide, 32" high and 18" deep and is provided with wheel brakes to hold Cabinet in place when working.

Number

19110 (Rollaway) 26 $\frac{1}{2}$ " x 32" x 18"

14762 (Chest only) 24" x 11 $\frac{5}{8}$ " x 9 $\frac{3}{8}$ "

MECHANIC'S PORTABLE TOOL CABINET

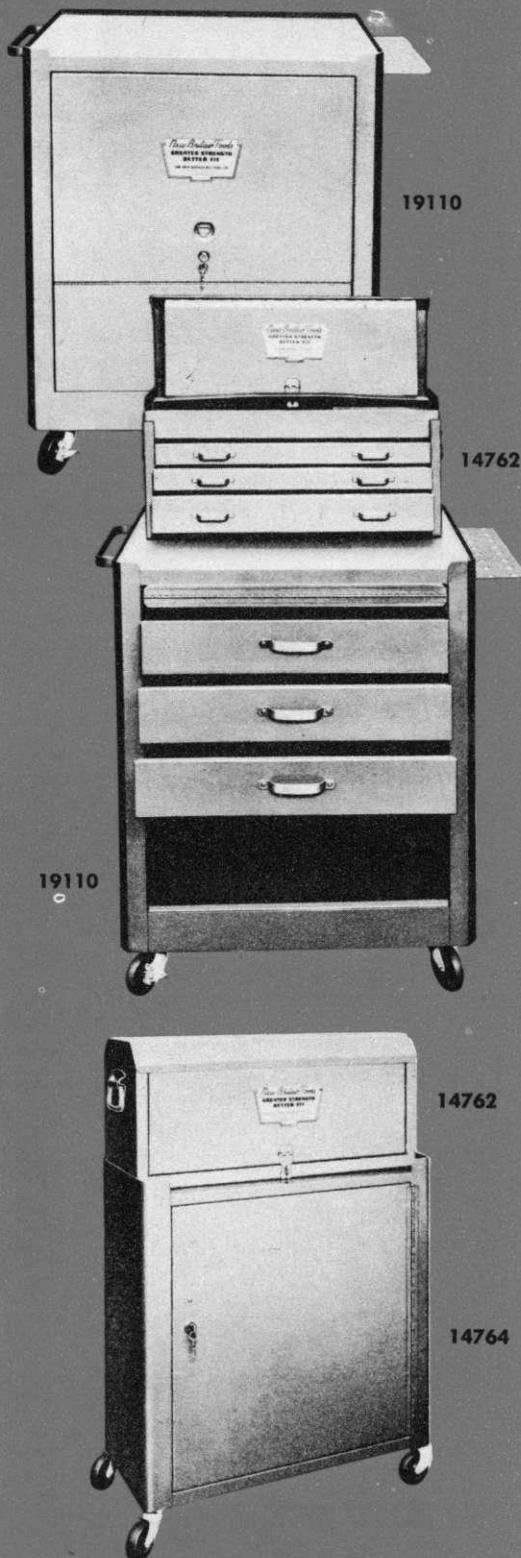
The Mechanic's Rollaway and Tool Chest complete is the safe, practical, efficient equipment to keep your Tools when and where you want them. When not in use, Tools are locked up safely and during the busy day they are always handy and efficiently arranged. And, the Rollaway Cabinet saves thousands of steps because you can bring your tools right to the work. The No. 14762 Tool Chest is 24" wide, 11 $\frac{5}{8}$ " high and 9 $\frac{3}{8}$ " deep. It contains an ample Tote Tray and three drawers. The Rollaway Cabinet, No. 14764, is 25" high, 24 $\frac{1}{2}$ " wide and 14" deep with a top designed to accommodate the Tool Chest as well as Tools and machine parts. The Rollaway Cabinet has a pin tumbler cylinder lock, individually keyed, and the Tool Chest is provided with padlock hasp for added safety. Wheel brakes lock wheels to prevent rolling when working.

Number

14764 (Rollaway only) 25" x 24 $\frac{1}{2}$ " x 14"

14762 (Chest only) 24" x 11 $\frac{5}{8}$ " x 9 $\frac{3}{8}$ "

Rollaways



New Britain

BOX END WRENCHES

New design insures better fit of box on nut. Better working angle gives greater leverage.

DELUXE SHORT BOX ENDS, 15°

Drop forged for better balance and fit. Packed 6 in a box.

Part No.	Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut	Length
NDF-400	3/8"x 7/16"	3/16"x —	3/16"x 1/4"	— x 1/4"	4"
NDF-402	1/2"x 9/16"	1/4"x —	5/16"x 3/8"	5/16"x 3/8"	4 3/4"
NDF-404	5/8"x 1 1/16"	— x 3/8"	7/16"x —	7/16"x —	5 1/2"

DELUXE SHORT BOX ENDS, 45°

Engineered for firm grip. Packed 6 in a box.

Part No.	Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut	Length
NDF-300	3/8"x 7/16"	— x 1/4"	— x 1/4"	— x 1/4"	4 1/2"
NDF-301	7/16"x 1 1/2"	— x 1/4"	1/4"x 5/16"	1/4"x 5/16"	4 7/8"
NDF-302	1 1/2"x 9/16"	1/4"x —	5/16"x 3/8"	5/16"x 3/8"	5 1/8"
NDF-303	9/16"x 5/8"	— x 3/8"	3/8"x 7/16"	3/8"x 7/16"	5 9/16"
NDF-304	5/8"x 1 1/16"	— x 3/8"	7/16"x —	7/16"x —	6"

DELUXE LONG BOX ENDS, 15°

Drop forged from finest alloy steel. Carefully broached in twelve point. Smallest number of non-duplicating sizes gives complete range from 3/8" up to 1 3/8". Packed 6 in a box.

Part No.	Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut	Length
NDF-200	3/8"x 7/16"	— x 1/4"	— x 1/4"	— x 1/4"	7 5/8"
NDF-201	7/16"x 1 1/2"	— x 1/4"	1/4"x 5/16"	1/4"x 5/16"	8"
NDF-202	1 1/2"x 9/16"	1/4"x —	5/16"x 3/8"	5/16"x 3/8"	8 1/2"
NDF-203	9/16"x 5/8"	— x 3/8"	3/8"x 7/16"	3/8"x 7/16"	9 1/8"
NDF-204	5/8"x 1 1/16"	— x 3/8"	7/16"x —	7/16"x —	9 1/16"
NDF-205	5/8"x 3/4"	— x 7/16"	1/2"x —	1/2"x —	10"
NDF-206	3/4"x 2 5/32"	— x 7/16"	1/2"x —	1/2"x —	10 5/16"
NDF-208	3/4"x 7/8"	— x 1 1/2"	1/2"x 5/8"	1/2"x 5/8"	10 15/16"
NDF-210	13/16"x 7/8"	— x 1 1/2"	9/16"x 5/8"	9/16"x 5/8"	11 1/2"
NDF-212	15/16"x 1"	— x 3/4"	5/8"x 1 1/16"	5/8"x 1 1/16"	12 1/2"
NDF-214	1 1/16"x 1 1/8"	5/8"x —	— x 7/8"	3/4"x —	13 1/2"
NDF-216	1 1/4"x 1 5/16"	3/4"x 7/8"	1"x —	7/8"x —	16 1/16"
NDF-218	1 1/4"x 1 3/8"	3/4"x —	1"x 1 1/8"	7/8"x —	16 1/16"

DELUXE LONG BOX ENDS, 45°

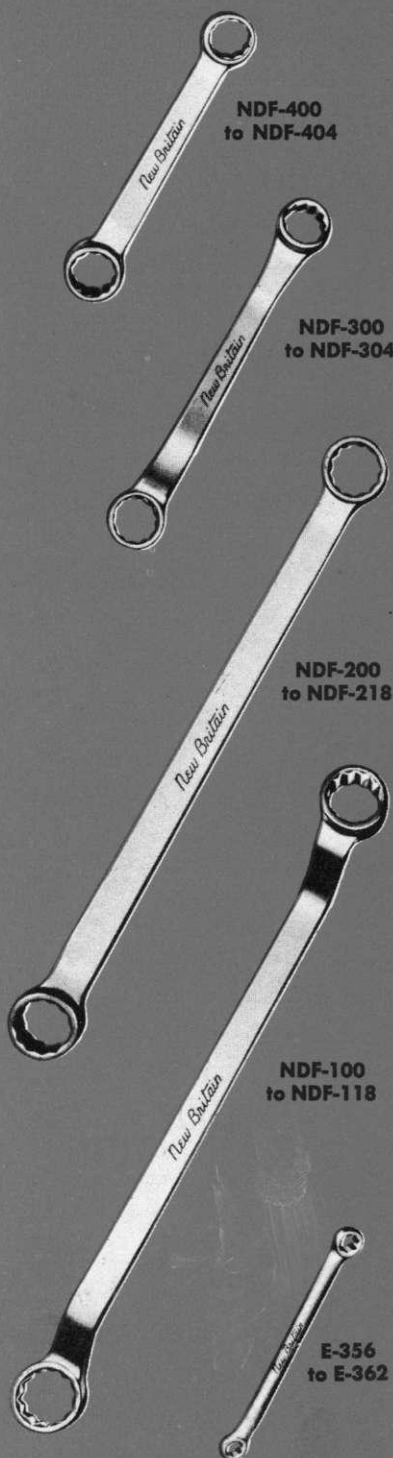
45° offset fits "hard to get at places." Packed 6 in a box.

Part No.	Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut	Length
NDF-100	3/8"x 7/16"	— x 1/4"	— x 1/4"	— x 1/4"	7 5/8"
NDF-101	7/16"x 1 1/2"	— x 1/4"	1/4"x 5/16"	1/4"x 5/16"	8"
NDF-102	1 1/2"x 9/16"	1/4"x —	5/16"x 3/8"	5/16"x 3/8"	8 1/2"
NDF-103	9/16"x 5/8"	— x 3/8"	3/8"x 7/16"	3/8"x 7/16"	9 1/8"
NDF-104	5/8"x 1 1/16"	— x 3/8"	7/16"x —	7/16"x —	9 1/16"
NDF-105	5/8"x 3/4"	— x 7/16"	1/2"x —	1/2"x —	10 1/2"
NDF-106	3/4"x 2 5/32"	— x 7/16"	1/2"x —	1/2"x —	11 1/8"
NDF-108	3/4"x 7/8"	— x 1 1/2"	1/2"x 5/8"	1/2"x 5/8"	11 7/8"
NDF-110	13/16"x 7/8"	— x 1 1/2"	9/16"x 5/8"	9/16"x 5/8"	12 9/16"
NDF-112	15/16"x 1"	— x 3/4"	5/8"x 1 1/16"	5/8"x 1 1/16"	14 1/4"
NDF-114	1 1/16"x 1 1/8"	5/8"x —	— x 7/8"	3/4"x —	15 1/2"
NDF-116	1 1/4"x 1 5/16"	3/4"x —	1"x —	7/8"x —	18 1/2"
NDF-118	1 1/4"x 1 3/8"	3/4"x 1"	1"x 1 1/8"	7/8"x —	23 1/4"

IGNITION BOX END WRENCHES

Mighty midgets for work on carburetors, starters, generators and electrical work in general. Packed 6 in a box.

Part No.	Opening	Length
E-356	3/16"x 1 3/64"	3"
E-358	7/32"x 1 5/64"	3"
E-360	1/4"x 7/32"	3 3/4"
E-362	5/16"x 1 1/32"	3 3/4"



New Britain

OPEN END WRENCHES

Thin heads, greater strength, and perfect balance is our standard for Open End Wrenches. Drop forged of the finest alloy steel, these Open Ends will resist the strain of constant use. The accurate milled openings insure proper fit. Standard Package — 6 to a box.

Part No.	Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut	Length
NDF-8	3/16"x 1/4"	#3 — .099	— x 1/8"	#4 — .112	3 7/8"
NDF-10	1/4"x 5/16"	— x 1/8"	— x 1/8"	—	4 3/16"
NDF-12	5/16"x 3/8"	1/8"x —	1/8"x 3/16"	—	4 5/8"
NDF-13	5/16"x 1/2"	1/8"x 3/16"	1/8"x —	—	4 5/8"
NDF-14	3/8"x 1/2"	—	3/16"x 1/4"	— x 1/4"	5 3/8"
NDF-16	7/16"x 1/2"	— x 1/4"	1/4"x 5/16"	1/4"x 5/8"	5 3/4"
NDF-18	1/2"x 9/16"	1/4"x —	5/16"x 3/8"	5/16"x 3/8"	6 1/2"
NDF-20	9/16"x 5/8"	—	3/8"x 7/16"	3/8"x 1/2"	7 1/8"
NDF-21	1 1/32"x 1 1/16"	5/16"x 3/8"	—	—	7 3/4"
NDF-22	5/8"x 3/4"	—	7/16"x 1/2"	7/16"x 1/2"	7 15/16"
NDF-23	1 1/16"x 2 5/32"	3/8"x 7/16"	—	—	8 7/16"
NDF-25	3/4"x 1 3/16"	—	1/2"x 9/16"	1/2"x —	9 7/16"
NDF-27	25/32"x 1 3/16"	7/16"x —	— x 9/16"	—	9 7/16"
NDF-28	3/4"x 7/8"	— x 1/2"	1/2"x 5/8"	1/2"x 9/16"	9 7/16"
NDF-29	7/8"x 1 5/16"	1/2"x —	5/8"x —	9/16"x 3/8"	10 1/2"
NDF-30	1 5/16"x 1"	—	— x 3/4"	5/8"x 1 1/16"	10 1/2"
NDF-31	1 5/16"x 1 1/16"	— x 5/8"	—	5/8"x 3/4"	11 1/2"
NDF-33	1"x 1 1/8"	—	3/4"x 7/8"	1 1/16"x —	11 1/2"
NDF-34	1 1/8"x 1 1/4"	5/8"x 3/4"	— x 1"	3/4"x 7/8"	12 1/8"
NDF-35	1 1/16"x 1 1/4"	— x 3/4"	7/8"x 1"	— x 7/8"	12 1/8"
NDF-36	1 1/8"x 1 5/16"	—	7/8"x —	—	12 1/8"

TAPPET WRENCHES

Double end. Offset heads. A new design in tappet wrenches which eliminates needless duplication of lengths and sizes. These are short enough to take care of the small clearance jobs and yet long enough to handle practically all of the work on present day cars. Packed 6 in a box.

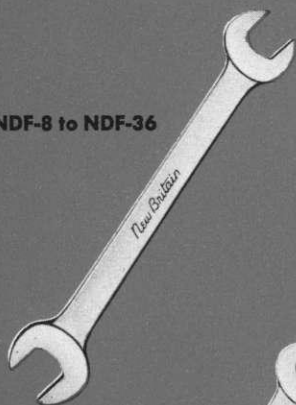
Part No.	Opening	U.S.S. Bolt Size	S.A.E. Std. Screw & Nut	Length
NDF-78	7/16"x 1/2"	— x 1/4"	1/4"x 5/16"	10"
NDF-80	7/16"x 17/32"	—	1/4"x —	10"
NDF-82	1/2"x 9/16"	1/4"x —	5/16"x 3/8"	10"
NDF-83	9/16"x 5/8"	—	3/8"x 7/16"	10"
NDF-84	5/8"x 1 1/16"	— x 3/8"	7/16"x —	10"
NDF-86	3/4"x 7/8"	— x 1/2"	1/2"x 9/16"	10"

COMBINATION WRENCHES

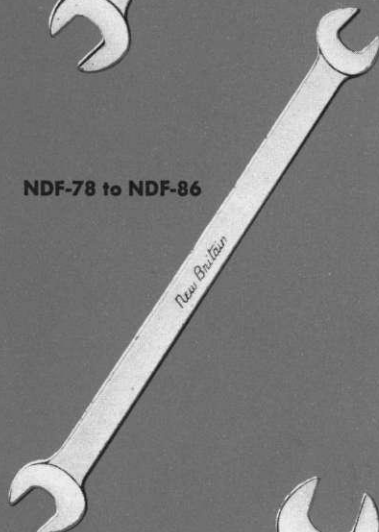
Every day more mechanics turn to this type of wrench. The same opening on each end makes it easy to work on square or hex nuts. Offset for maximum clearance. Packed 6 in a box.

Part No.	Opening	U.S.S. Bolt Size	Hex Head Cap Screw	S.A.E. Std. Screw & Nut	Length
NDF-48	5/16"x 5/16"	1/8"	1/8"	—	4 1/4"
NDF-50	3/8"x 3/8"	—	3/16"	—	5"
NDF-52	7/16"x 7/16"	—	1/4"	1/4"	5 5/16"
NDF-54	1/2"x 1/2"	1/4"	5/16"	5/16"	5 15/16"
NDF-56	9/16"x 9/16"	—	3/8"	3/8"	6 11/16"
NDF-58	5/8"x 5/8"	—	7/16"	7/16"	7 11/16"
NDF-60	1 1/16"x 1 1/16"	3/8"	—	—	8 1/2"
NDF-62	3/4"x 3/4"	—	1/2"	1/2"	9 3/8"
NDF-63	13/16"x 13/16"	—	9/16"	—	10 1/4"
NDF-64	7/8"x 7/8"	1/2"	5/8"	9/16"	10 7/16"
NDF-66	15/16"x 15/16"	—	—	5/8"	12"
NDF-68	1"x 1"	—	3/4"	1 1/16"	12 1/2"
NDF-70	1 1/16"x 1 1/16"	5/8"	—	3/4"	14"
NDF-72	1 1/8"x 1 1/8"	—	7/8"	—	14 1/2"

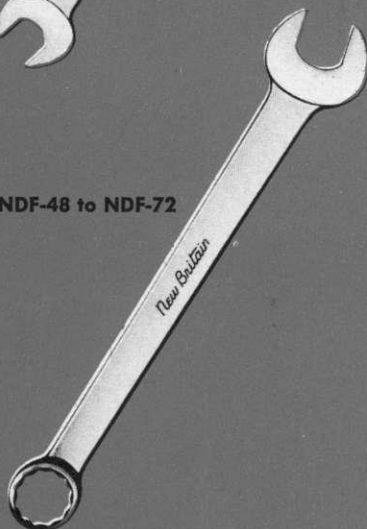
NDF-8 to NDF-36



NDF-78 to NDF-86



NDF-48 to NDF-72



New Britain

BOX END AND OPEN END WRENCH SETS

The advantages of buying wrenches in sets are many. The Wrenches contained in the Sets listed cover practically all service work.

5-PIECE—LONG 45° BOX WRENCH SET

NDF-100	3/8" x 7/16"	NDF-106	3/4" x 25/32"
NDF-102	1/2" x 9/16"	NDF-110	13/16" x 7/8"
NDF-104	5/8" x 11/16"	15876	Leatherette Roll

Number
1246 5 Pc. Set

6-PIECE—LONG 45° BOX WRENCH SET

NDF-100	3/8" x 7/16"	NDF-106	3/4" x 25/32"
NDF-102	1/2" x 9/16"	NDF-110	13/16" x 7/8"
NDF-104	5/8" x 11/16"	NDF-112	15/16" x 1"
15876	Leatherette Roll		

Number
1247 6 Pc. Set

6-PIECE—OPEN END WRENCH SET

NDF-14	3/8" x 7/16"	NDF-22	5/8" x 3/4"
NDF-18	1/2" x 9/16"	NDF-27	25/32" x 13/16"
NDF-21	19/32" x 11/16"	NDF-28	3/4" x 7/8"
15873	Leatherette Roll		

Number
1256 6 Pc. Set

8-PIECE—OPEN END WRENCH SET

NDF-10	1/4" x 5/16"	NDF-22	5/8" x 3/4"
NDF-14	3/8" x 7/16"	NDF-27	25/32" x 13/16"
NDF-18	1/2" x 9/16"	NDF-28	3/4" x 7/8"
NDF-21	19/32" x 11/16"	NDF-30	15/16" x 1"
15878	Leatherette Roll		

Number
1258 8 Pc. Set

4-PIECE—BOX & OPEN END WRENCH SET

NDF-52	7/16"	NDF-56	9/16"
NDF-54	1/2"	NDF-62	5/8"
15873	Leatherette Roll		

Number
1224 4 Pc. Set

6-PIECE—BOX & OPEN END WRENCH SET

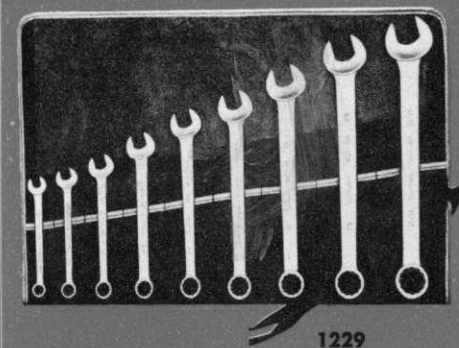
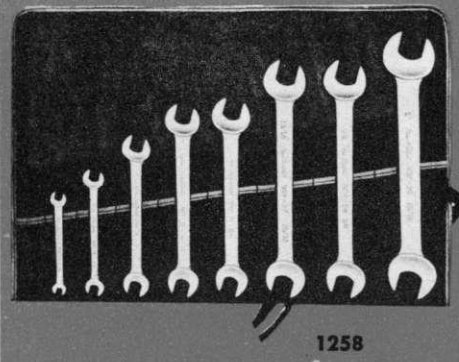
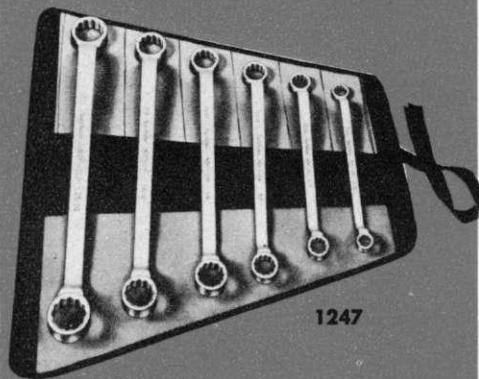
NDF-52	7/16"	NDF-58	5/8"
NDF-54	1/2"	NDF-60	11/16"
NDF-56	9/16"	NDF-62	3/4"
15873	Leatherette Roll		

Number
1226 6 Pc. Set

9-PIECE—BOX & OPEN END WRENCH SET

NDF-50	3/8"	NDF-60	11/16"
NDF-52	7/16"	NDF-62	3/4"
NDF-54	1/2"	NDF-64	7/8"
NDF-56	9/16"	NDF-66	15/16"
NDF-58	5/8"		
15878	Leatherette Roll		

Number
1229 9 Pc. Set



New Britain

BOX END AND OPEN END WRENCH SETS

4-PIECE—LONG 15° BOX WRENCH SET

NDF-200	3/8" x 7/16"	NDF-204	5/8" x 1 1/16"
NDF-202	1/2" x 9/16"	NDF-206	3/4" x 25/32"
15875	Leatherette Roll		

Number
1244 4 Pc. Set

5-PIECE—LONG 15° BOX WRENCH SET

NDF-200	3/8" x 7/16"	NDF-206	3/4" x 25/32"
NDF-202	1/2" x 9/16"	NDF-210	13/16" x 7/8"
NDF-204	5/8" x 1 1/16"		
15877	Leatherette Roll		

Number
1242 5 Pc. Set

6-PIECE—LONG 15° BOX WRENCH SET

NDF-200	3/8" x 7/16"	NDF-206	3/4" x 25/32"
NDF-202	1/2" x 9/16"	NDF-210	13/16" x 7/8"
NDF-204	5/8" x 1 1/16"	NDF-212	15/16" x 1"
15877	Leatherette Roll		

Number
1240 6 Pc. Set

4-PIECE—TAPPET WRENCH SET

(2) NDF-80	7/16" x 17/32"	(2) NDF-82	1/2" x 9/16"
15880	Leatherette Roll		

Number
1204 4 Pc. Set

6-PIECE—TAPPET WRENCH SET

(2) NDF-80	7/16" x 17/32"	(2) NDF-84	5/8" x 1 1/16"
(2) NDF-82	1/2" x 9/16"		
15880	Leatherette Roll		

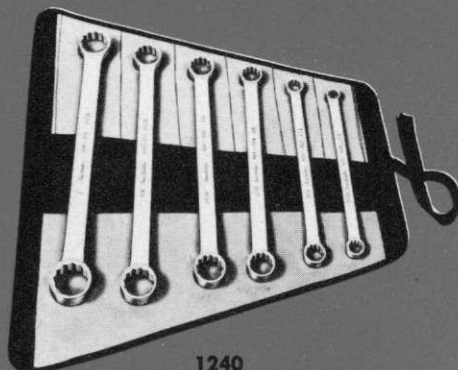
Number
1206 6 Pc. Set

10-PIECE—IGNITION OPEN END WRENCH SET

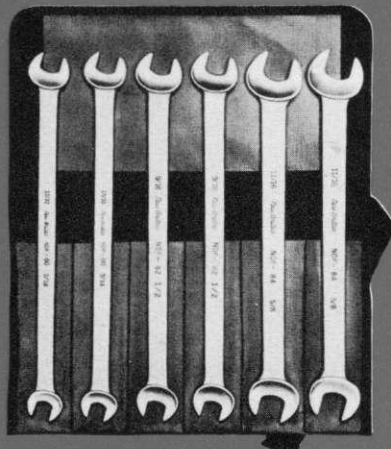
	15° Angle	60° Angle		15° Angle	60° Angle
E-114	13/64"	15/64"	E-124	9/32"	5/16"
E-116	7/32"	1/4"	E-128	5/16"	7/32"
E-118	15/64"	13/64"	E-130	11/32"	3/8"
E-120	1/4"	7/32"	E-132	3/8"	11/32"
E-122	17/64"	19/64"	E-134	7/16"	1/2"
15869	Leatherette Roll				

Number
E-10 10 Pc. Set

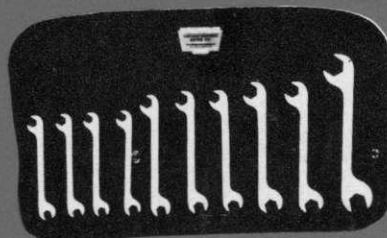
Forged Wrench Sets



1240



1206



E-10

New Britain

FORGED WRENCHES

STILLSON WRENCHES

An improved type of Pipe Wrench completely drop forged. Engineered for heavy duty work. On many jobs nothing will perform so well as a Stillson Wrench and no wrench will give a firmer grip or stand a harder pull than a New Britain Stillson Wrench.

Number	Size	Capacity
SW-6	6"	1/2"
SW-8	8"	3/4"
SW-10	10"	1"
SW-14	14"	1 1/2"
SW-18	18"	2"
SW-24	24"	2 1/2"

ADJUSTABLE ANGLE WRENCHES

If you have used Angle Wrenches for a long time, you will really appreciate this new improved Wrench. Its unique construction permits it to hold nuts more firmly than the old style Wrenches and it has added strength where it is most needed. The jaws are not only non-slip in their hold on the nut, but due to their extreme thinness, they can be used in many places where other Wrenches will not enter. 22 1/2° Angle.

Number	Size	Capacity	Thickness of Head		Tip of Jaw
			Thickest Point		
AW-6	6"	3/4"	1 3/32"		7/32"
AW-8	8"	1 5/16"	1 5/32"		1/4"
AW-10	10"	1 1/8"	3/16"		3/8"
AW-12	12"	1 5/16"	3/4"		17/32"

HALF MOON BOX ENDS

Often referred to as Obstruction Wrenches, these Tools are rightly named. They actually will work around corners and they have many other uses, on such work as: manifolds, starters and carburetors.

Number	Size		Length
	Openings		
M-109	9/16" x 5/8"		7 3/4"
CH-103	5/8" x 3/4"		7 3/4"

OBSTRUCTION OPEN ENDS

Here is a unique Wrench which replaces the so-called right angle Wrenches and can be used for brakes and for many purposes around airplanes where a Wrench must operate in a very limited space. They will easily remove nuts which would be impossible with any other Wrench because they actually will function in spaces where only an inch or two of movement is permitted. 15° and 60° Angle Heads. Permits twenty-four different "bites" on a nut in a 360° Circle.

Number	Size	Length
HF-6	1/2" x 1/2"	6 1/4"
HF-8	9/16" x 9/16"	6 1/4"
HF-10	5/8" x 5/8"	6 1/4"
HF-12	1 1/16" x 1 1/16"	7 1/4"

SW-6 to SW-24

AW-6 to AW-12

M-109
CH-103

HF-6 to HF-12

New Britain

HAMMERS

BALL PEIN

A perfectly balanced Hammer with drop forged head and sturdy handle for a long life of service.

Number	Head Weight	Overall
H-8	8 oz.	13"
H-12	12 oz.	14"
H-16	16 oz.	14½"
H-20	20 oz.	15"
H-24	24 oz.	16"
H-32	32 oz.	16"
H-48	48 oz.	16"

GASKET HAMMERS

Necessary for work on gaskets where light, controlled contact is required.

Number	Head Ounces	Size	Overall
H-2	2	7/0	10"
H-3	3½	6/0	11"

SOFT FACE HAMMERS

New Britain Soft Face Hammers have a tough, molded plastic, replaceable head. This type Hammer is particularly useful in body and fender work.

Number	Head Ounces	Tip Diameter
H-75	5	13/16"
H-76	8	1"
H-77	12	1 3/16"

TIPS FOR SOFT FACE HAMMERS

Number	
H-75T	Tip for Hammer No. H-75
H-76T	Tip for Hammer No. H-76
H-77T	Tip for Hammer No. H-77

STEEL AND RUBBER HAMMER

A very popular and handy tool, especially on body and fender work.

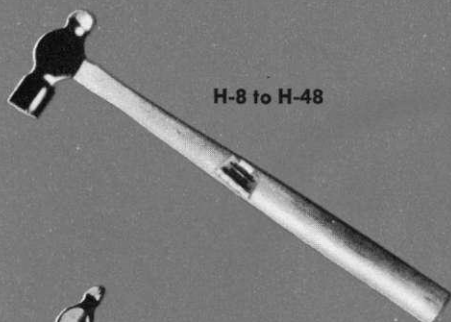
Number	Length
R-300	14"
R-301	Extra Rubber Heads

TIRE HAMMER

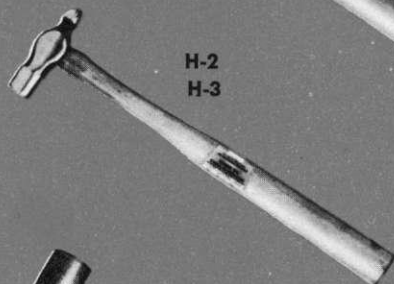
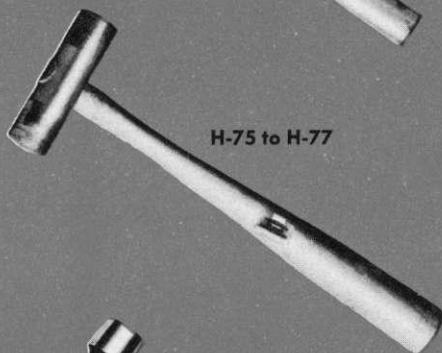
For removing tires from wire, disc wheels, and solid rims. No sharp corners. The eye of the Hammer is made for firm anchorage of the head on the handle.

Number	Length
NR-191	13¼"

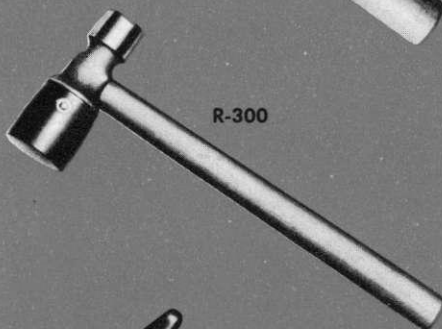
Hammers Misc.



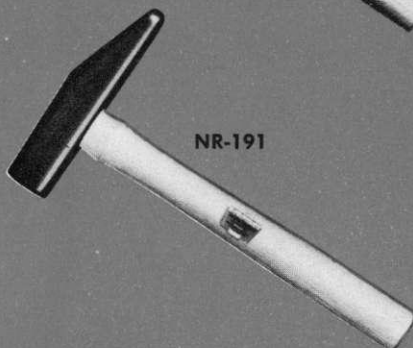
H-8 to H-48

H-2
H-3

H-75 to H-77



R-300



NR-191

BODY TOOL EQUIPMENT

Ever-changing body styles require Tools that keep pace with these changes and assure accurate work. The professional mechanic appreciates new designs in this New Britain Line as soon as he feels the perfect balance of these Hammers. The new angles on the Hammer faces fit the new bodies perfectly — thus making better repairs easier, quicker and more profitable.

FINISHING HAMMER

Here's just the right Hammer for high crowned fenders and other hard-to-get-at places where a long reaching pein is useful.

Number	Ounces	Head	Face Diam.	Handle
H-55	15	8"	1 1/4"	12"

CURVED FINISHING HAMMER

A long reach metal finishing Hammer with a lead pencil size point for use in driving up small dents in low crown and flat panels. Permits reaching over braces and inner construction inside the bodies. Will also reach into such places as the edge of a roof rail panel and in behind reinforcements.

Number	Rd. Face	Point	Length Head Pointed End	Head Length
H-80	1 3/8"	1/32" radius	5 3/4"	8"

FINISHING HAMMER

Another very popular Hammer because of the medium long point for working under fenders. For finishing work, it has a highly polished face, 1 5/8" in diameter.

Number	Ounces	Head	Rd. Face	Handle
H-58	9	6 3/4"	1 5/8"	11 1/2"

SPECIAL BUMPING HAMMER

The small pein and flat polished head of this Hammer makes it a fine combination tool for driving up small dents and smoothing.

Number	Ounces	Head	Rd. Face	Point Radius	Length Pointed End
H-52	7	4"	1 3/16"	5/32"	7 1/16"

FENDER BUMPER

Designed especially for rough-out work. This Fender Bumper reaches underneath fenders without removing wheels.

Number	Lbs.	Head	Diam. of Face	Length Overall
H-56	1 1/2	8 1/2"	1 5/16"	14"

H-55

H-80

H-58

H-52

H-56

New Britain

BODY TOOL EQUIPMENT

LIGHT BUMPING HAMMER

For work on late model cars which have fenders of lighter weight steel, this Light Bumping Hammer is faster and safer.

Number	Head Ounces	Head	Rd. Face	Sq. Face	Length Overall
H-50	9	3 1/2"	1 1/4"	1"	11"

BUMPING HAMMER

This sturdy 14 oz. Bumping Hammer is ideal for real tough jobs, because the weight of the head is equally distributed.

Number	Head Ounces	Head	Rd. Face	Sq. Face	Length Overall
H-51	14	5"	1 5/8"	1 1/2"	11 1/4"

DINGING HAMMER

A strong Hammer built to withstand the severe usage encountered in general bumping and dinging, including the high crown panels where heavier blows are necessary. The long head permits dinging over the obstructions where the shorter Hammers cannot reach.

Number	Head Ounces	Rd. Faces	Head Length
H-53	13	1 1/4" and 1 3/4"	6"

DINGING HAMMER

A perfectly balanced Hammer for light dinging in places where long reach is necessary. One square face permits dinging in next to the corner of a moulding or beading.

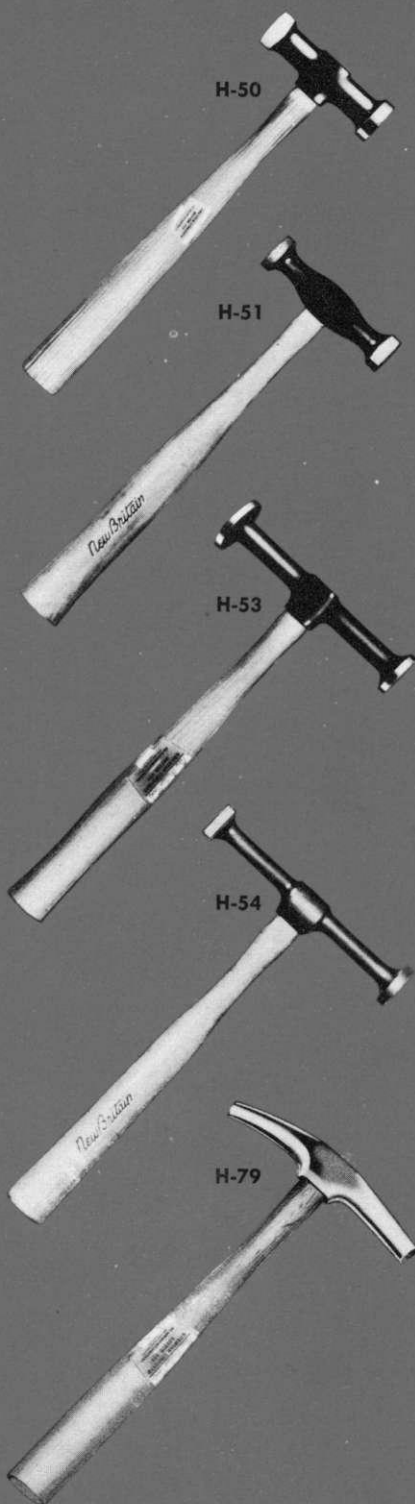
Number	Head Ounces	Rd. Face	Sq. Face	Head Length
H-54	13	1 5/8"	1 1/4"	6"

TRIMMER'S HAMMER

Approved by trimmers employed in the auto body factories and service shops. Perfectly balanced head. Excellent for use in trimming or upholstering auto bodies. Has magnetic pick-up feature.

Number	Weight of Head
H-79	10 oz.

Body Repair Tools



New Britain

DROP FORGED DOLLY BLOCKS

These New Britain Dolly Blocks are Drop Forged, selected from steel having extreme strength and ductility and are easy on the Hammer. Ground with utmost care, finished and oil polished, for a smooth, perfect surface.

TOE DOLLY BLOCK

This Dolly is very adaptable because of its thinness and length. It also has a large, perfectly flat face which is very useful in dinging lower hood quarters and other flat panels.

Number	Length	Width	Thickness
DB-5	4 $\frac{3}{4}$ "	2 $\frac{1}{4}$ "	1 $\frac{1}{16}$ "

BAR DOLLY BLOCK

Fits contours of latest models. The angle between the large low crown face and the sides is less than 90°. This important feature permits dinging in the farthest recesses of a flanged edge.

Number	Length	Width	Thickness
DB-7	4"	2 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "

GENERAL PURPOSE DOLLY BLOCK

Has several differently crowned working faces and two flanging and beading lips.

Number	Length	Width	Thickness
DB-8	2 $\frac{3}{4}$ "	3"	2 $\frac{1}{4}$ "

WEDGE DOLLY BLOCK

A favorite among many body repairmen for all-round use. Has a long, thin lip which is very useful in behind reinforcements.

Number	Length	Width	Thickness
DB-9	5 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "	1 $\frac{7}{8}$ "

BODY DOLLY BLOCK

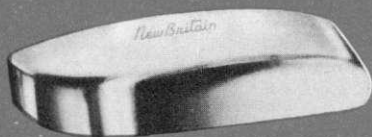
The shape of the Block and its curved surfaces are such that they will take care of many late model body jobs. Each Block is carefully gauged after it is polished to insure correct radii of the curves.

Number	Length	Width	Thickness
DB-11	4 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	1 $\frac{3}{4}$ "

FENDER DOLLY BLOCK

Especially useful on those extra heavy gauge truck and passenger car fenders which resist the blows of lighter Dollies. Fits the hand comfortably so that the fingers are protected from injury.

Number	Length	Width
DB-10	3 $\frac{1}{4}$ "	3 $\frac{1}{4}$ "



DB-5



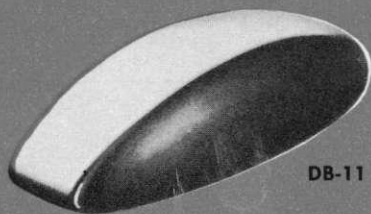
DB-7



DB-8



DB-9



DB-11



DB-10

New Britain

BODY TOOL EQUIPMENT

HEEL DOLLY BLOCK

The design of this Dolly makes it very adaptable in corners and wide radii.

Number	Length	Width	Thickness
DB-6	3 1/8"	2 3/8"	1 7/16"

GENERAL PURPOSE SPOONS

These New Britain Spoons are hammer forged from alloy spring steel, correctly tempered and working faces are ground and full polished.

WIDE BLADE SPOON

Useful for all around work. Slightly crowned face which is ground and full polished.

Number	Width Blade	Length Blade	Overall
SP-5	2"	7"	10 1/2"

DOOR AND PANEL SPOON

This Spoon will also be found very useful for doors and side panels, especially in close quarters.

Number	Width Blade	Length Blade	Diam. Hdle.
SP-7	1 3/4"	5 1/2"	7/8"

LONG TURRET TOP SPOON

This is a strong rugged Tool built to withstand severe usage. Can be used for driving, as a pry, or as offset dolly for dinging. End of blade has medium calking face.

Number	Face	Handle	Overall
SP-11	1 7/8" x 5 1/4" x 3/16"	1 1/8"	10"

BODY AND FENDER REPAIR TOOL SET

Contains the essential Tools for body and fender repair work that the average shop will be called upon to straighten out.

X-283	File Holder	H-54	Dinging Hammer
X-293	Half Circle File	H-80	Finishing Hammer
DB-5	Toe Dolly Block	NR-192	Rubber Mallet
DB-6	Heel Dolly Block	SP-5	Wide Blade Spoon
DB-8	Gen. Purpose Dolly Block	SP-11	Long Turret Top Spoon
H-50	Bumping Hammer	15241	Metal Box 17" x 9" x 4"

Number
311 11 Pc. Set

MEDIUM CALKING IRON

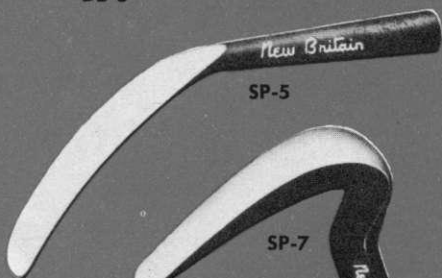
Has rounded working face for use inside mouldings. Will reshape any damaged moulding or flange.

Number	Face Radius	Overall Length
SP-13	1 3/4" x 1/8"	7"

Body Repair Tools



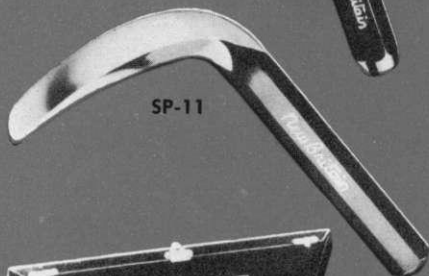
DB-6



SP-5



SP-7



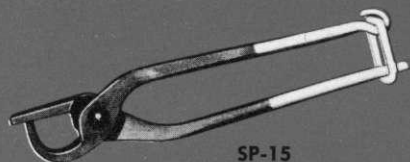
SP-11



311



SP-13



SP-15

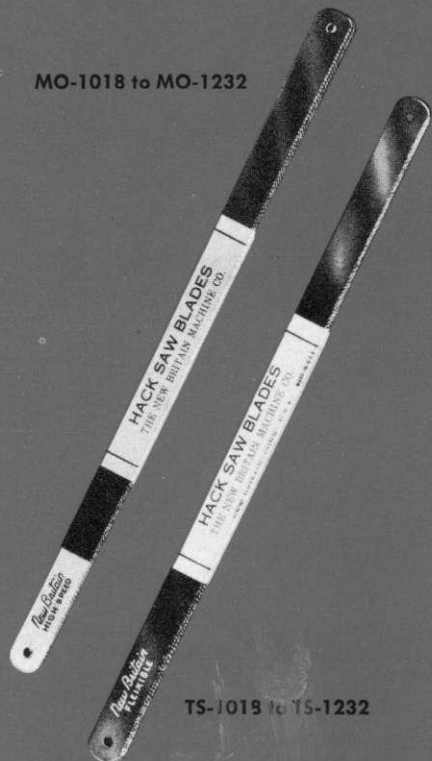


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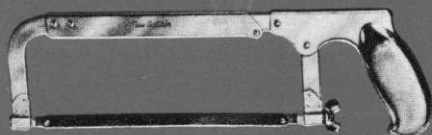
284

MO-1018 to MO-1232



TS-1018 to TS-1232

HSF-12



New Britain

BODY TOOLS, SAWS AND BLADES

FENDER FLANGE PLIERS

For clamping a broken fender flange while welding. Also used for holding reinforcements or new panels in place until tack welded.

Number	Overall Length
SP-15	11"

SOLID BODY FILE HOLDER

(Made from selected Maple)

Holds the File securely without undue flexing which sometimes causes breakage. Because the File rests against a wooden support, it does not have a dulling effect on the curved teeth.

Number	Length
285	14 1/2"

COMBINATION FILE HOLDER

Will take either 12" or 14" body Files. Made of heavy steel which will stand up under severe use.

Number	Length
284	17"

HIGH SPEED HACK SAW BLADES

A Molybdenum Alloy Blade which will out-perform anything you have ever used before. It is especially designed for automotive work where "Moly" has earned its reputation as the finest cutting combination known for modern requirements. Use it with confidence for cutting nickel, high carbon steel and other tough alloys. Its wearing and cutting qualities will prove it to be the most economical Blade to use for every purpose.

Number	Length	Width	Thickness	Teeth Per Inch
MO-1018	10"	1/2"	.025	18
MO-1024	10"	1/2"	.025	24
MO-1032	10"	1/2"	.025	32
MO-1218	12"	1/2"	.025	18
MO-1224	12"	1/2"	.025	24
MO-1232	12"	1/2"	.025	32

FLEXIBLE HACK SAW BLADES

Where cutting is to be done on surfaces which are not extremely hard and where the possibility of flexing occurs, it is sometimes advisable to use the less expensive Tungsten Alloy Blade. It is especially good for cutting at difficult angles and for ordinary work around the shop.

Number	Length	Width	Thickness	Teeth Per Inch
TS-1018	10"	1/2"	.025	18
TS-1024	10"	1/2"	.025	24
TS-1032	10"	1/2"	.025	32
TS-1218	12"	1/2"	.025	18
TS-1224	12"	1/2"	.025	24
TS-1232	12"	1/2"	.025	32

ADJUSTABLE HACK SAW FRAME

Equipped with steel pistol grip and solid frame which insures against breakage of high speed blades.

Number	Length
HSF-12	14 1/2"

New Britain

FILES

Mechanics have many uses for this fine group of New Britain Files. Each File is suited for a specific job. Quality cutting edges assure quicker and easier work.

MILL BASTARD

Number	Size
XM-6	6"
XM-8	8"
XM-10	10"
XM-12	12"
XM-14	14"
XM-16	16"

ROUND BASTARD

Number	Size
XR-8	8"
XR-10	10"
XR-12	12"
XR-14	14"

HALF ROUND BASTARD

Number	Size
XH-8	8"
XH-10	10"
XH-12	12"
XH-14	14"

FLAT BASTARD

Number	Size
XF-8	8"
XF-10	10"
XF-12	12"
XF-14	14"

SQUARE BASTARD

Number	Size
XS-8	8"
XS-10	10"
XS-12	12"

EXTRA SLIM TAPER

Number	Size
XE-6	6"

FLEXIBLE BODY FILE

Especially adapted for automobile bodies, fenders, door panels—wherever good surface finish is necessary.

Number	Size
X-289	12"
X-290	14"

SPECIAL CURVED FLEXIBLE AND HALF CIRCLE HANDLES

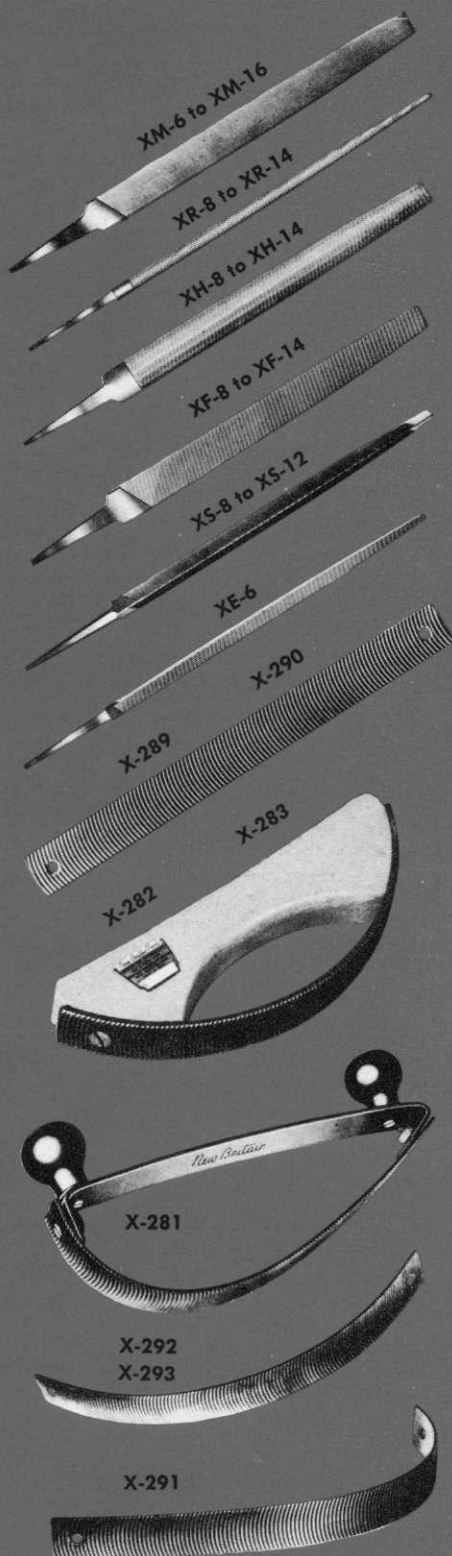
Number	Size	Type
X-281	14"	for Spec. Curved File
X-282	8"	for Half Circle File
X-283	14"	for Half Circle File

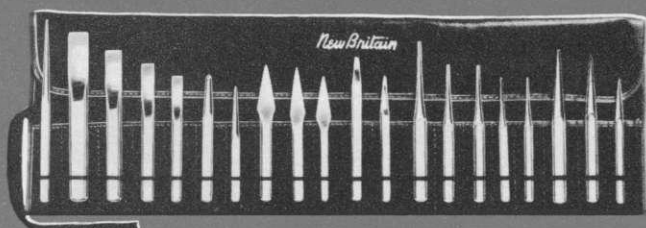
SPECIAL CURVED AND HALF CIRCLE BODY FILES

Number	Size	Type
X-291	14"	Special Curved
X-292	8"	Half Circle
X-293	14"	Half Circle

These files have teeth on one side only.

Mechanics Files





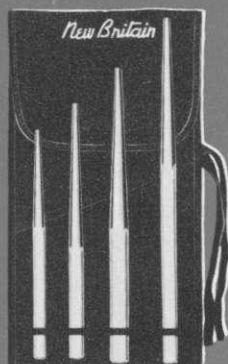
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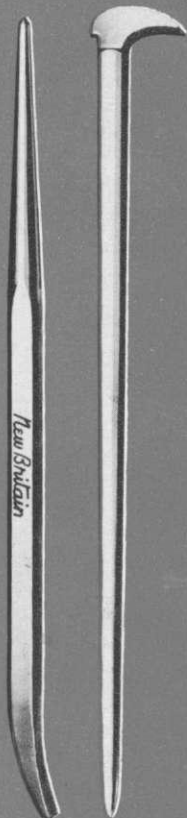
305



304



304C


935
936

PB-18

CHISEL SETS

There is no better assortment of Punches and Chisels than those contained in the following sets.

925 Hand Cold Chisel	952 Prick Punch
926 Hand Cold Chisel	955 Pin Punch
927 Hand Cold Chisel	956 Pin Punch
928 Hand Cold Chisel	957 Pin Punch
940 Cape Chisel	958 Pin Punch
941 Cape Chisel	959 Pin Punch
942 Round Nose Chisel	970 Hand Punch
945 Diamond Pt. Chisel	971 Hand Punch
946 Diamond Pt. Chisel	972 Hand Punch
950 Center Punch	963 Long Taper Punch

Leatherette Roll

Number
320

925 Hand Cold Chisel	945 Diamond Pt. Chisel
940 Cape Chisel	949 Center Punch
942 Round Nose Chisel	955 Pin Punch

Leatherette Roll

Number
306

955 Pin Punch	958 Pin Punch
956 Pin Punch	959 Pin Punch
957 Pin Punch	Leatherette Roll

Number
305

963 Long Taper Punch	965 Long Taper Punch
964 Long Taper Punch	968 Lining Up Punch

Leatherette Roll

Number
304

925 Hand Cold Chisel	927 Hand Cold Chisel
926 Hand Cold Chisel	928 Hand Cold Chisel

Leatherette Roll

Number
304C

PINCH BARS

For prying, alignment work, and many other purposes. One end has a long, sharp pointed taper and the other end a sharp, curved leverage blade.

Number	Size Stock	Length
935	1/2"	14"
936	5/8"	16"

PRY BAR

Invaluable in removing bushings, bearings, grease cups, grease retainers, ball races and lifting cylinder heads. Can also be used as a lining up punch.

Number	Size Stock	Length	Head
PB-18	3/16"	18"	1 7/8"

New Britain CHISELS & PUNCHES

Tools designed to "take it." Every New Britain Chisel is carefully heat treated to insure against either being too hard or too soft. All of these Tools can be resharpened. Great care has been taken in designing the cutting edge so that it will remain sharp under heavy wear, and care should be taken in redressing.

LONG COLD CHISEL

Number	Size Stock	Bit Width	Length
931	3/4"	7/8"	14"

HAND COLD CHISEL

Number	Size Stock	Bit Width	Length
925	3/8"	7/16"	5 1/2"
926	1/2"	5/8"	6 1/4"
927	5/8"	3/4"	7"
928	7/8"	1"	8"

CAPE CHISEL

Number	Size Stock	Bit Width	Length
940	1/2"	1/4"	6 1/4"
941	5/8"	3/8"	7"

ROUND NOSE CHISEL

Number	Size Stock	Bit Width	Length
942	1/2"	1/4"	6 1/4"

DIAMOND POINT CHISEL

Number	Size Stock	Bit Width	Length
945	1/2"	1/4"	6 1/4"
946	5/8"	3/8"	7"

CENTER PUNCH

Number	Size Stock	Length
949	3/8"	5"
950	1/2"	5 1/2"

PRICK PUNCH

Number	Size Stock	Length
952	3/8"	5"

PIN PUNCH

Number	Pt. Diam.	Size Stock	Length
955	1/8"	3/8"	5 3/4"
956	5/32"	3/8"	5 3/4"
957	3/16"	1/2"	6 1/4"
958	1/4"	5/8"	7"
959	5/16"	3/4"	7 1/2"

HAND PUNCH

Number	Pt. Diam.	Size Stock	Length
970	1/16"	3/8"	5 1/2"
971	1/8"	1/2"	6 1/4"
972	3/16"	5/8"	7"

LONG TAPER PUNCH

Number	Pt. Diam.	Size Stock	Length
963	1/8"	3/8"	8"
964	7/64"	1/2"	9"
965	7/32"	5/8"	10 1/2"

LINING UP PUNCH

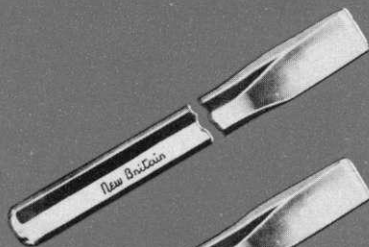
Number	Pt. Diam.	Size Stock	Length
968	1/4"	1/2"	12"

RIVET BUSTER

Number	Size Stock	Bit Width	Length
220	3/4"	5/8"	12"

Chisels & Punches

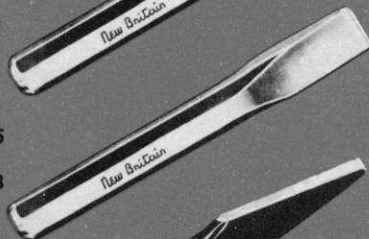
931



925

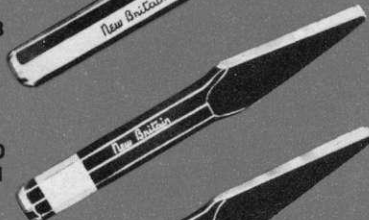
to

928



940

941



942



945

946



949

950



952



955

to

959



970

to

972



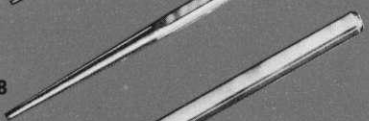
963

to

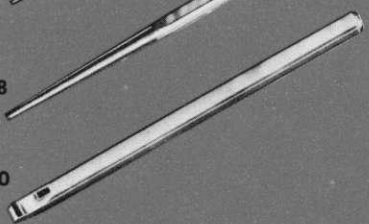
965



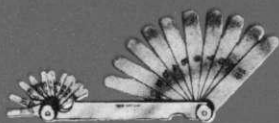
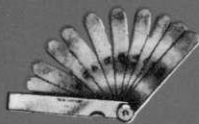
968



220

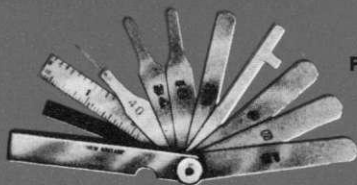
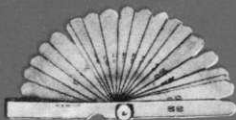


FG-1



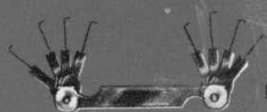
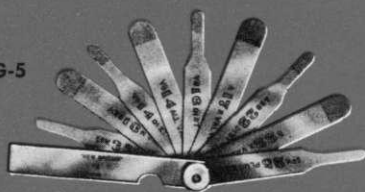
FG-2

FG-3



FG-4

FG-5



FG-6

FG-7



New Britain

FEELER GAUGES

New Britain Feeler Gauges include every size and type for accurate work on spark plug gaps, distributor and ignition points and tappet adjustments. They are manufactured from the finest quality Swedish Steel to guarantee continued accuracy.

STANDARD FEELER GAUGE

Contains 10 sizes $\frac{3}{16}$ " long: — .002; .003; .004; .005; .006; .007; .008; .010; .012; .015. — 10 Units.

Number

FG-1

COMBINATION VALVE AND IGNITION FEELER GAUGE

Contains 11 blades $1\frac{1}{2}$ " long, 10 blades $\frac{3}{16}$ " long: — short blades, .012; .013; .014; .015; .018; .020; .022; .024; .025; .028; .032; — long blades, .002; .003; .004; .005; .006; .007; .008; .010; .013; .015 and file. — 22 Units.

Number

FG-2

ALL PURPOSE FEELER GAUGE

Contains 25 blades $\frac{3}{16}$ " long: — .0015; .002; .003; .004; .005; .006; .007; .008; .009; .010; .011; .012; .013; .014; .015; .016; .018; .020; .022; .024; .025; .028; .030; .032; .035. — 25 Units.

Number

FG-3

CHEVROLET FEELER GAUGE

Contains 15 blades $\frac{3}{16}$ " long, 3" file and adjuster gauge: — .006; .007; .008; .010; .012; .013; .015; .018; .020 (2); .022; .024; wire — .032; .035; .040; — 17 Units.

Number

FG-4

FORD FEELER GAUGE

Contains 18 sizes $\frac{3}{16}$ " long. Nine blades have Go or No-Go feature: — .011; .012; .013; .014; .015; .016; .017; .018; .019. Four straight blades: — .013; .015; .020; .025. Five wire gauges: — .025 plug; .028 plug; .030 plug; .017 point; .030 point. — 18 Units.

Number

FG-5

SPARK PLUG SPECIAL WIRE GAUGE

A new development for precision spacing of spark plug gaps. 8 wire gauges $1\frac{1}{4}$ " long: — .022; .025; .028; .030; .032; .035; .038; .040. The ends of wires are turned at an angle to set electrodes below the shell. — 8 Units.

Number

FG-6

IGNITION FEELER GAUGE

Narrow short blades for ignition distributor points and spark plugs; 11 sizes $1\frac{1}{2}$ " long: — .012; .013; .014; .015; .018; .020; .022; .025; .028; .032; .035 and file. — 12 Units.

Number

FG-7

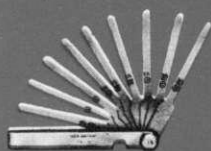
New Britain

FEELER GAUGES

BRAKE ADJUSTING FEELER GAUGE

For correct tolerance between brake and shoe. 9 sizes 4" long: — .002; .004; .005; .006; .007; .008; .010; .012; .015. — 9 Units.

Number
FG-8

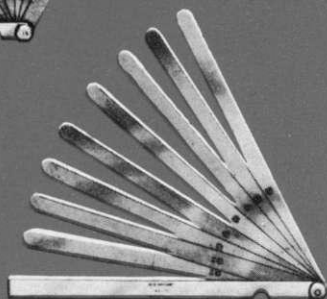


FG-8

PISTON FEELER GAUGE

Contains 8 sizes, 9" long: — .002; .003; .004; .005; .006; .008; .010; .015. — 8 Units.

Number
FG-9

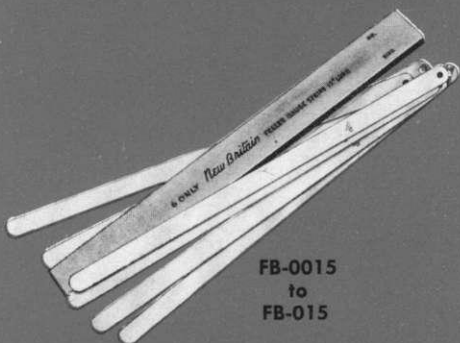


FG-9

FEELER GAUGE BLADES

The same permanently accurate Swedish Steel that is used in all New Britain Feeler Gauges is used in these blades. The 12" Strips in various thicknesses are intended for use with the FG-10 and FG-11 Feeler Gauge Stock Holders. A hole is drilled in the end of each blade. To assemble a set, fasten together with a nut and bolt.

Number	Size
FB-0015	.0015
FB-002	.002
FB-003	.003
FB-004	.004
FB-005	.005
FB-006	.006
FB-007	.007
FB-008	.008
FB-009	.009
FB-010	.010
FB-011	.011
FB-012	.012
FB-013	.013
FB-014	.014
FB-015	.015

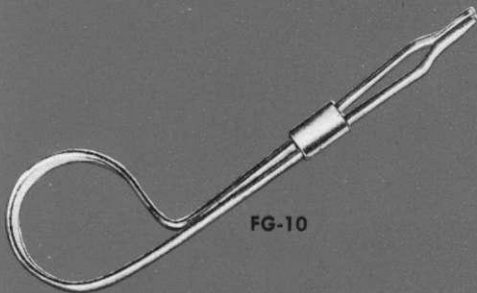


FB-0015
to
FB-015

SINGLE END FEELER GAUGE HOLDERS

Unless you have used one of these mechanic-designed Holders, you will not appreciate their economy and convenience. The Feeler Gauge can be instantly inserted and changed.

Number	Length
FG-10	4 1/2"

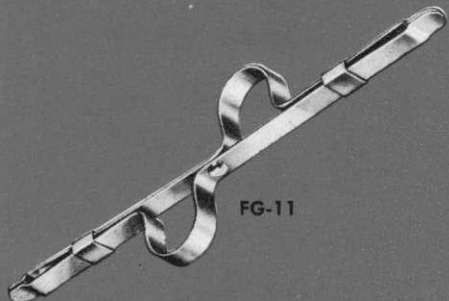


FG-10

DOUBLE END FEELER GAUGE HOLDERS

For speedy work it is often advantageous to use Double End Gauge Holders. These have been developed as a result of demands from mechanics for a tool to be used with Feeler Gauge Strip Stock.

Number	Length
FG-11	10"



FG-11

Feeler Gauges

New Britain

MIDGET IGNITION TOOLS

New Britain Ignition Tools are of perfect balance and designed for delicate work on magnets, generators, carburetors, electrical parts—wherever fine work is important. Unconditionally guaranteed.

MIDGET BOX END WRENCHES

These Midget Box End Wrenches are drop forged, precisely machined and heat treated . . . all the famous New Britain quality in miniature.

Part No.	Openings	Length
E-356	$\frac{3}{16}$ " x $\frac{13}{64}$ "	3"
E-358	$\frac{7}{32}$ " x $\frac{15}{64}$ "	3"
E-360	$\frac{1}{4}$ " x $\frac{9}{32}$ "	$3\frac{3}{4}$ "
E-362	$\frac{5}{16}$ " x $\frac{11}{32}$ "	$3\frac{3}{4}$ "

IGNITION OPEN END WRENCHES

Every Wrench has the correct angle to perfectly fit the nuts for which it is engineered. Packed 6 in a box.

Number	System	Opening Size		Length
		15° Angle	60° Angle	
E-114	Auto-Lite	$\frac{13}{64}$ " x $\frac{15}{64}$ "	$\frac{15}{64}$ "	3"
E-116	Delco Remy	$\frac{7}{32}$ " x $\frac{1}{4}$ "	$\frac{1}{4}$ "	3"
E-118	Bosch	$\frac{15}{64}$ " x $\frac{13}{64}$ "	$\frac{13}{64}$ "	3"
E-120	Delco Remy	$\frac{1}{4}$ " x $\frac{7}{32}$ "	$\frac{7}{32}$ "	3"
E-122	Eisemann	$\frac{17}{64}$ " x $\frac{19}{64}$ "	$\frac{19}{64}$ "	3"
E-124	Eisemann	$\frac{9}{32}$ " x $\frac{5}{16}$ "	$\frac{5}{16}$ "	$3\frac{1}{2}$ "
E-126	Eisemann	$\frac{19}{64}$ " x $\frac{17}{64}$ "	$\frac{17}{64}$ "	$3\frac{1}{2}$ "
E-128	Delco Remy	$\frac{5}{16}$ " x $\frac{9}{32}$ "	$\frac{9}{32}$ "	$3\frac{1}{2}$ "
E-130	Ger. Bosch	$\frac{11}{32}$ " x $\frac{3}{8}$ "	$\frac{3}{8}$ "	$3\frac{3}{4}$ "
E-132	General	$\frac{3}{8}$ " x $\frac{11}{32}$ "	$\frac{11}{32}$ "	$3\frac{3}{4}$ "
E-134	General	$\frac{7}{16}$ " x $\frac{1}{2}$ "	$\frac{1}{2}$ "	$4\frac{1}{2}$ "
E-136	General	$\frac{1}{2}$ " x $\frac{7}{16}$ "	$\frac{7}{16}$ "	$4\frac{1}{2}$ "

IGNITION OPEN END WRENCH SET

As illustrated. This Set consists of ten of the 12 wrenches itemized above (all save Nos. E-126 and E-136).

Number	
E-10	10 Pc. Set

IGNITION PLIERS

A midget Plier that is intended for heavy work. The exclusive design guarantees a solid grip on any small nut. Three adjustments with a $\frac{1}{2}$ " range.

Number	Size
P-36	5"

BATTERY TERMINAL PULLER

Just twist the handle—the jaws clamp tight and lift even badly corroded terminals with no harm to the battery.

Number	
P-135	

E-356 to E-362

E-114 to E-136

E-10

P-36

P-135

New Britain

SPECIAL BATTERY TOOLS

BATTERY PLIERS

Designed expressly for battery and installation work. Grips the nuts firmly. Note the offset jaws which provide knuckle clearance.

Number	Size	Finish	Capacity
P-40	8"	Nickel	1"

BATTERY LIFTERS

Its unique construction guarantees a firm grip automatically on any terminal post whether new or old. The strap is resistant to battery acids and it will give long and satisfactory service. The short Lifter is for the standard batteries in use on most cars. The long size is for the new 20" battery.

Number	
M-180	Short Battery Lifter
M-182	Long Battery Lifter

SPARK PLUG SPECIAL WIRE GAUGE

A new development for precision spacing of spark plug gaps. 8 wire gauges 1 3/4" long: — .022; .025; .028; .030; .032; .035; .038; .040. The ends of wires are turned at an angle to set electrodes below the shell. — 8 Units.

Number
FG-6

IGNITION FEELER GAUGE

Narrow short blades for ignition distributor points and spark plugs; 11 sizes 1 1/2" long: — .012; .013; .014; .015; .018; .020; .022; .025; .028; .032; .035 and file. — 12 Units.

Number
FG-7

IGNITION POINT FILE

Especially double cut for all types of ignition points. No. F-202 has handle end turned to form pocket clip. No. F-203 formed with flat handle.

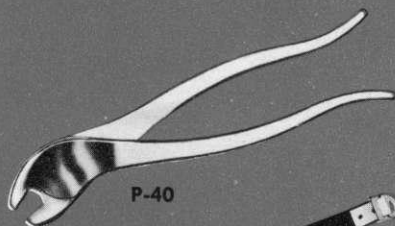
Number	Length
F-202	5 1/2"
F-203	5 1/2"

IGNITION POINT FILE DISPLAY

These cards displaying 12 No. F-203 Files sell on sight. Every garage doing ignition work needs a supply of these double cut Files. Guaranteed to file tungsten.

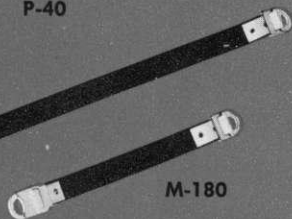
Number	Size
F-201	6 1/2" x 9"

Battery & Ignition Tools

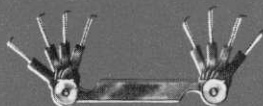


P-40

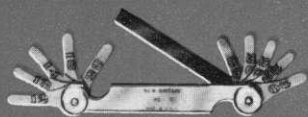
M-182



M-180

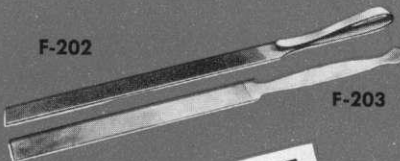


FG-6



FG-7

F-202



F-203



F-201

New Britain

WOOD HANDLE SCREW DRIVERS

New Britain Wood Handle Screw Drivers are intended for the mechanic who is particular about his tools. They are made by skilled workmen whose business for many years has been making better Screw Drivers with only the best of carefully selected materials.

STANDARD BLADE—WOOD HANDLE

A general purpose screw driver of exceptional strength and utility. Appreciated by the mechanic who wants a good quality tool to turn screws with, and not to use as a cold chisel or pry bar.

Number	Size of Blade	Width of Tip	Overall
D-164	4"	1/4"	9"
D-166	6"	5/16"	11 3/4"
D-168	8"	3/8"	15"
D-1610	10"	3/8"	17"
D-1612	12"	3/8"	19"

SMALL BLADE—WOOD HANDLE

The slender blades of these New Britain screw drivers have accurately ground points. Fluted hard wood handles that fit the hand comfortably and will not slip. Available in a popular range of sizes.

Number	Size of Blade	Width of Tip	Overall
D-173	3"	3/16"	7 1/2"
D-176	6"	3/16"	10 3/8"
D-178	8"	3/16"	12 1/4"
D-1710	10"	3/16"	13"

SCREW HOLDING SCREW DRIVER

For starting or taking out screws in difficult places. Spring steel fingers grip screw securely yet release instantly when desired. Alloy blade—fluted wood handle.

Number	Size Blade	Width of Tip	Overall
M-130	4"	1/4"	8"

ADJUSTING SCREW DRIVER

A useful little screw driver for adjustments on cars and machines. Hardwood handles, tempered steel blades.

Number	Size of Blade	Width of Tip	Overall
D-83	1 3/4"	1/4"	4"

OFFSET SCREW DRIVER

Offset Screw Drivers with bits at right angles. Especially adapted to drag link adjustments. Hardened and tempered. Nickel plated.

Number	Stock	Length
374	3/16"	4"
375	1/4"	4 1/2"
376	5/16"	5 1/2"
377	3/8"	6 1/2"

D-164 to D-1612

D-173
to
D-1710

M-130

D-83

374 to 377

New Britain

AMBER HANDLE SCREW DRIVERS

These well-balanced Screw Drivers feature our positive-grip, shock-proof handle. The blades of these Drivers are electrically heat treated and precision ground to withstand hard and constant use.

ADJUSTING SCREW DRIVER

Generators in particular require strong compact Screw Drivers to reach many of the screws. These were made especially for that purpose.

Number	Blade Length	Tip Width	Overall Length
D-41	1 1/4"	3/16"	3 1/4"
D-42	1 3/4"	1/4"	3 5/8"

ELECTRICIANS ROUND SHANK SCREW DRIVERS

Here's long reach plus slimness to get into tight places. Every requirement down to the fluted handle is designed for the professional mechanic.

Number	Blade Length	Tip Width	Overall Length
D-33	3"	3/16"	5 3/4"
D-36	6"	3/16"	9 1/2"
D-310	10"	3/16"	13 1/2"
D-312	12"	3/16"	15 1/2"

HEAVY ROUND SHANK SCREW DRIVER

Made from the finest Alloy Steel that money can buy, combined with a proven heat treatment for producing the world's finest Screw Drivers.

Number	Blade Length	Tip Width	Overall Length
D-24	4"	1/4"	7 1/2"
D-26	6"	5/16"	10 1/4"
D-28	8"	3/8"	13"
D-210	10"	3/8"	15"

POCKET SIZE SQUARE BLADE SCREW DRIVER

Some small screws require a lot of pressure. This little giant finds a place in any tool set.

Number	Blade Length	Tip Width	Overall Length
D-43	3"	1/8"	5 3/4"

POCKET SIZE SCREW DRIVER WITH CLIP

Once you form the habit you will never be without one of these in your pocket. Its amber handle assures insulation so that you can use it anywhere.

Number	Blade Length	Tip Width	Overall Length
D-12	2"	1/8"	4 3/8"

HEAVY SQUARE SHANK SCREW DRIVER

You will never turn the blade of any New Britain Screw Driver in its amber handle. These heavy square blades assure you super-strength when you need it.

Number	Blade Length	Tip Width	Overall Length
D-44	4"	1/4"	7 1/2"
D-46	6"	1/4"	10 1/4"
D-66	6"	3/8"	10 1/4"
D-68	8"	7/16"	13"
D-512	12"	7/16"	17"
D-516	16"	7/16"	21"

Screw Drivers

D-41

D-42

D-33

D-36

D-310

D-312

D-24

D-26

D-28

D-210

D-43

D-12

D-44

D-46

D-66

D-68

D-512

D-516

New Britain

SCREW DRIVERS

Phillips and other new type screws are finding their way more and more into automotive uses, especially in coach and upholstery work in modern cars and buses. The wide range of New Britain Screw Drivers covers the mechanic's need for quality Tools to do a professional repair or installation job.

PHILLIPS SPECIAL ALLOY BLADE SCREW DRIVERS

Equipped with fine clear maple handles for a good solid grip. Yet the blades are made from the finest alloy steel to insure a tight grip that will not slip.

Number	Phillips Screw Size	Blade Length
D-91	No. 1 Pt.	3"
D-92	No. 2 Pt.	4"
D-93	No. 3 Pt.	6"
D-94	No. 4 Pt.	8"

PHILLIPS SCREW DRIVER—AMBER HANDLE

The Phillips type, equipped with latest design, sure-grip amber handle. Extension of blade well into handle assures maximum torque.

Number	Phillips Screw Size	Bar Length
DP-3	No. 1 Pt.	3"
DP-4	No. 2 Pt.	4"
DP-6	No. 3 Pt.	6"
DP-8	No. 4 Pt.	8"

PHILLIPS ADJUSTING SCREW DRIVERS

Made in Phillips screw sizes No. 1 and 2 for getting at Phillips screws in tight places.

Number	Phillips Screw Size	Blade Length
D-911	No. 1 Pt.	1"
D-912	No. 2 Pt.	1 1/2"

STUBBY PHILLIPS SCREW DRIVERS

These amber-handle Stubby Phillips are designed for work where space is limited. Overall length only 3 3/8".

Number	Phillips Screw Size	Blade Length
DP-1	No. 1 Pt.	1"
DP-2	No. 2 Pt.	1 1/2"

CLUTCH TYPE SCREW DRIVER

For the new clutch or "figure 8" type screws which are becoming more and more popular. Complete coverage with 4 sizes. Amber Tenite Handle.

Number	Width of Tip	Blade Length	Overall
M-135	1/8"	3"	6 1/2"
M-136	3/16"	4"	7 1/2"
M-137	1/4"	5"	9 1/4"
M-138	5/16"	5"	9 1/4"

D-91
to
D-94

DP-3
to
DP-8

D-911
D-912

DP-1
DP-2

M-135
to
M-138

New Britain

PISTON AND RING SERVICE TOOLS

RATCHET PISTON RING COMPRESSOR

Ratchet action provides positive compression and finger tip release. Deep enough to handle the modern four-ring piston — built of heavy spring steel to compress the stiffest rings evenly. Lower edge beaded.

Number		Capacity
P-300	Passenger Car	2 1/8" to 5"
P-350	Truck & Tractor	3 1/2" to 6 1/2"

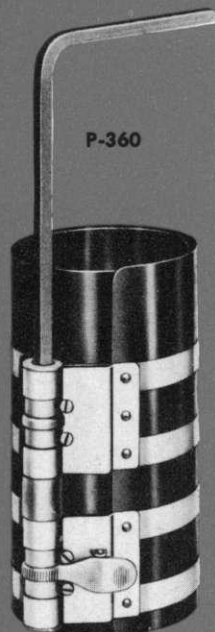


P-300
P-350

TRUCK-TRACTOR DIESEL COMPRESSOR

The giant 6 1/2" high Ratchet Compressor with four tension bands. Bands are clock spring steel and lower edge is beaded.

Number		Capacity
P-360	Diesel Truck & Tractor	3 1/2" to 7"



P-360

STANDARD PISTON RING COMPRESSOR

Beaded along lower edge to prevent Compressor entering cylinder and with dependable friction-type brake to hold rings in compression.

Number		Capacity
P-200	Passenger Car	2 1/8" to 5"
P-206	Truck & Tractor	3 1/2" to 7"
P-212	Special for Briggs & Stratton Motors	



P-200
P-206

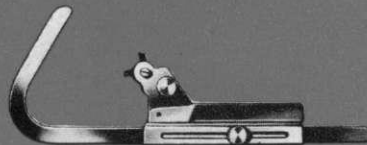


P-212

PISTON RING GROOVE CLEANERS

Make easy jobs out of those that were formerly tedious and often injurious to pistons. Both Tools have durable compensating spring to control pressure on the cutter. With these two Tools you can service all cars with pistons up to 6" diameter. Complete with Cutter Blade P-555C.

Number	Length
P-201	11 1/2"
P-555C	Replacement Blade 3/32", 1/8", 5/32", 3/16"
P-208	11 1/2"
P-558C	Replacement Blade 5/64", 5/32", 3/16", 5/64"



P-201
P-208

Piston Service Tools

New Britain

TIRE SERVICE TOOLS

TRUCK RIM SET

A complete setup to take care of every truck rim nut on the road. Here is a combination which will produce a convenient and speedy assembly for any job. By using the ingenious Extension and Pry Bar it is possible to use New Britain $\frac{3}{4}$ " Drive Sockets. A complete Set for all rim work is listed below and, in addition to this purpose, all of the Sockets can be used with your regular $\frac{3}{4}$ " Drive Handles for any type of work on buses, tractors, etc.

Packed complete in convenient Tote Tray, 20" long x 10" wide. Set No. NR-510 contains the following items:

NH-1228	$\frac{7}{8}$ " 12 Pt. Socket	NH-1248	1 $\frac{1}{2}$ " 12 Pt. Socket
NH-1230	$1\frac{1}{8}$ " 12 Pt. Socket	NR-93	$1\frac{3}{16}$ " Sq. Socket
NH-1234	$1\frac{1}{8}$ " 12 Pt. Socket	NR-172	Socket Extension, 16"
NH-1236	$1\frac{1}{8}$ " 12 Pt. Socket	NR-164	Lock Ring Iron Pry Bar
NH-1238	$1\frac{3}{16}$ " 12 Pt. Socket		
NH-1240	$1\frac{1}{4}$ " 12 Pt. Socket		
Number			
NR-510			

BUDD WHEEL SOCKET

Designed for Budd Wheels and other systems where $\frac{13}{16}$ " Square Openings are required. Made only in $\frac{3}{4}$ " Square Drive to fit No. NR-172 Extension.

Number	Opening
NR-93	$\frac{13}{16}$ "

SPECIAL SOCKET EXTENSION

Specially forged from steel that has been carefully selected to produce maximum toughness. It can also be used in regular truck work with all sizes of $\frac{3}{4}$ " Drive Sockets.

Number	Length
NR-172	16"

LEVERAGE BAR

This Tool also serves as a Firestone Lock Ring Remover. It has been made so strong that it is the ideal Leverage Bar to be used with No. NR-172 plus Sockets to make up the Truck Rim Set.

Number	Length
NR-164	20"

TUBE VALVE FISHING TOOL

A versatile, handy Tool that draws tube valve thru rim opening. Also cleans outside valve threads and taps inside threads. Removes or inserts valve cores.

Number	Length
NR-196	$1\frac{3}{4}$ "

STEEL AND RUBBER HAMMER

Number	Length
R-300	14"

R-301 Extra Rubber Heads

TIRE HAMMER

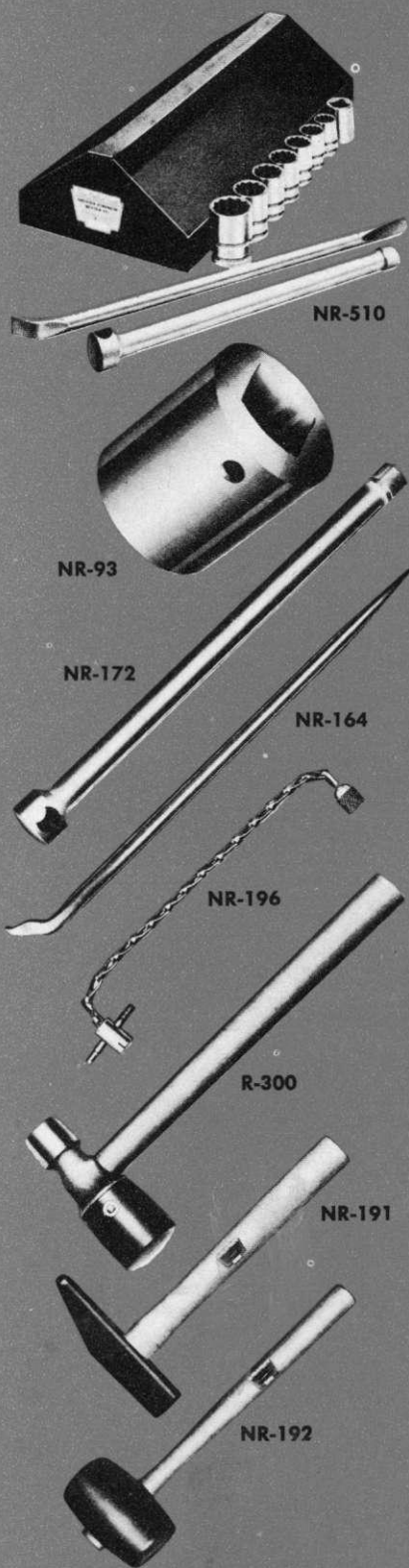
For removing tires from wire, disc wheels, and solid rims. No sharp corners. Eye anchors head firmly on handle.

Number	Length
NR-191	$13\frac{1}{4}$ "

RUBBER Mallet

High grade live rubber head molded on the handle which has corrugated ridges to doubly secure head on handle.

Number	Length
NR-192	15"



New Britain

TIRE SERVICE TOOLS

TIRE REMOVER TOOL

It's easy to remove tires from drop center rims — particularly Chrysler safety rims. This New Britain Tire Remover Tool consists of two special Irons that do all the work. You won't even need a hammer.

Just insert the straight Iron inside rim heel, against tire bead. Then, hook the curved Iron over rim heel bead, against straight Iron. By drawing up handle of curved Iron, you develop tremendous leverage. Hooked end presses against inside of rim bead and pushes straight Iron, forcing tire bead to drop into rim well.

It's simple, quick — and safe! Toothed racks on each Iron give great power with no danger of slips. After tire drops into rim well, use reverse ends of Irons to pry tire from wheel in the usual way.

On heavy-duty truck, bus, tractor and airplane tires, use this Tool to release locking side rims. Then, by leverage of the hooked Iron against fixed rim, the tire is easily forced free.

This powerful Tool won't mar the finish of rim or wheel — all pressure is on the inside of the rim, out of sight.

Number
NR-177

Length
18"

SPECIAL TIRE IRON

Considered by tire men the best Tire Iron ever made. Extra angle and exclusive contour of $1\frac{1}{16}$ " stock make it perform better than the ordinary tire iron.

Number
NR-185

Length
16"

CURVED TYPE TIRE IRON

Curved to provide greater leverage and give greater hub clearance. Oval end, thin and wide.

Number
NR-182

Length
15"

Blade Width
1½"

STRAIGHT FLAT TIRE IRON

Oval end, thin and wide. Will get at tires which are under-size for the rims without pinching the tube or rim.

Number
NR-181

Length
15"

Blade Width
1½"

WIRE BRUSH

Ideal for cleaning rust and dirt from rims and wire wheels. Screw eye attached. Long curved handle protects user.

Number
NR-195

Length
14"

FOUR-WAY RIM WRENCH

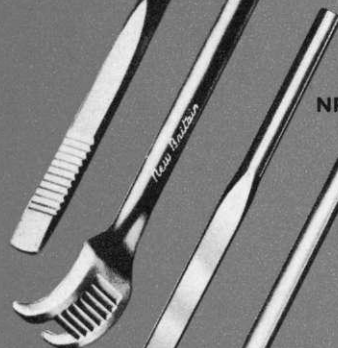
Number
NR-216

Length
16"

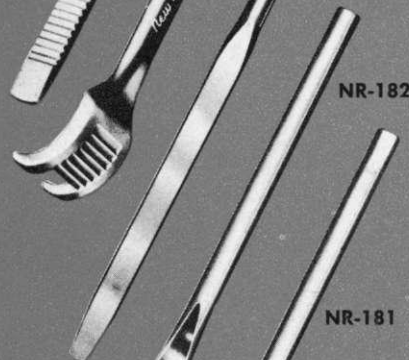
Tire Service Tools



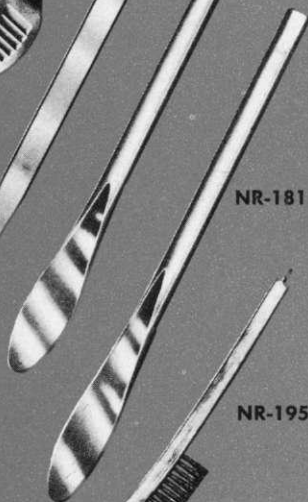
NR-177



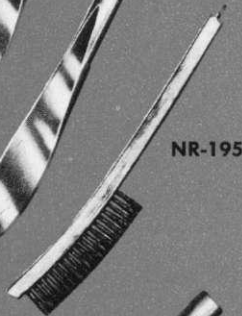
NR-185



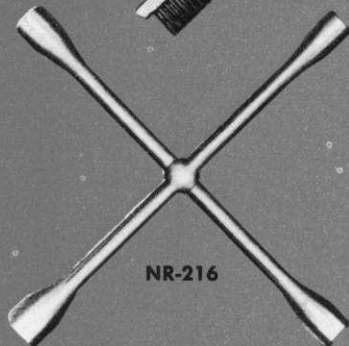
NR-182



NR-181



NR-195



NR-216

VALVE LIFTERS AND COMPRESSORS

STANDARD UNIVERSAL LIFTER

Has great appeal for mechanics because it will take care of almost every passenger car and truck that is on the road. The patented spring steel jaws are so constructed that they will not slip off. Because the tool employs the rack and pinion principle, it does not require any special adjustments. Will clear the exhaust, manifold, and other obstructions without necessitating their removal. It will work in restricted places and, using the special jaws which can be purchased with it, the correct instruments are available for almost every type of motor.

Complete with Straight Jaws and set of three Spring Holders.

Number	Size
VL-200	9 $\frac{3}{8}$ " x 11 $\frac{3}{8}$ "

EXTRA JAWS FOR NEW BRITAIN STANDARD UNIVERSAL LIFTER

- VL-201 For most passenger cars, including Cadillac and Lincoln.
- VL-202 Offset Jaws for GMC and Continental Motors.
- VL-203 Special Offset Jaws for motors such as Dodge Six.
- VL-205 For Plymouth, Dodge, Chrysler and Waukesha.

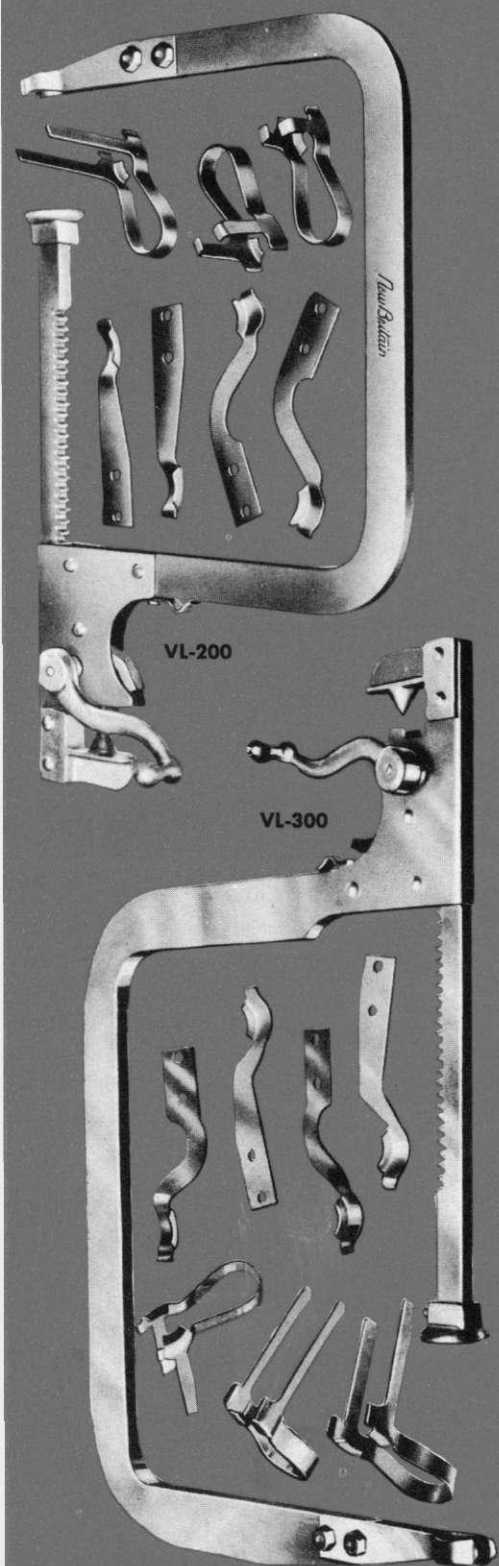
SPECIAL TRUCK AND TRACTOR LIFTER

For the extra large trucks, buses and the few tractors where the Standard Universal Lifter is not large enough to serve. This super-size lifter is 11" by 13" and it will take care of any of the jobs that you ever have to tackle. Complete with Straight Jaws and set of three Spring Holders.

Number	Size
VL-300	11" x 13"

ADDITIONAL VALVE TOOLS APPEAR ON THE FOLLOWING PAGES:

Ford Valve Micrometer Gauge (R-131)	Page No. 79
Ford Valve Guide Punches (F-194)	Page No. 79
New Design Valve Lifter for V-60 and V-85 (F-150)	Page No. 79
Valve Feeler Gauge (FG-2)	Page No. 46
Valve Reseating Tool Set (R-201)	Page No. 66
Valve Guide Cleaner (VGC-11, 12, & 13)	Page No. 62



New Britain

VALVE LIFTERS AND COMPRESSORS

"C" TYPE VALVE LIFTER

A practical Valve Spring Compressor for swift, efficient handling of stiffest valve springs. Handle positioned in "C" frame clears high fenders, hood and tie rods. Loose ring attachment on frame may be moved to hold tool locked in any desired position. Easily adjusts for any valve stem length. Slim, rugged jaws give maximum room to remove or replace valve keys. Inside depth of frame: 11½", inside width 8¼", with 10½" opening capacity using offset jaws. 11½" capacity using straight jaws. Allows enough clearance to use this unique Valve Lifter without removing manifold.

Number	Length
VL-140	14"

(Includes VL-141 and VL-142 Jaws. VL-143 are extra.)

EXTRA JAWS FOR VL-140

Number
VL-141 (Std.)
VL-142 (Offset)
VL-143 (Large)

"LITTLE HANDY" VALVE LIFTER

"Little Handy" Valve Lifter gets into tight corners and lifts stubborn springs with coil strength up to 300 lbs. — just twice the strength of any common spring you'll meet. Only 8½" long, but the screw-controlled jaws expand to 2½" and remain set in any position. Jaws adjust to various spring sizes and expand approximately parallel in vertical plane, lifting spring squarely and allowing easy replacement of valve stem keys.

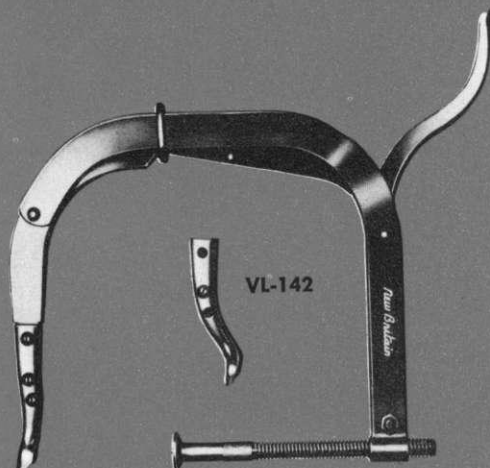
Number	Length
VL-151	8½"

SPLIT LOCK REPLACER

The perfect, compact Tool for replacing all split type valve keys on single and double-grooved valve stems and where the new convex locks are used. Requires a minimum of working space. Sliding base prevents keys dropping into motor. It's very simple to load. Designed for easy operation with VL-151 Valve Lifter or "C" Type Lifter with VL-141 straight jaws, or any good valve lifter.

Number	Length
VL-139	8"

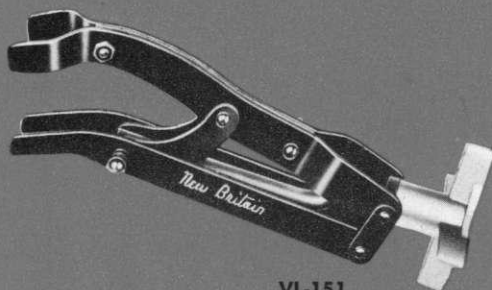
Valve Service Tools



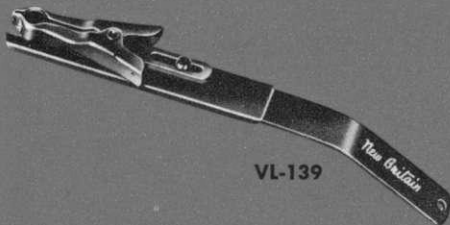
VL-140



VL-143



VL-151



VL-139

New Britain

LUBRICATION AND BRAKE TOOLS

UNIVERSAL DRAIN PLUG WRENCH

Will take care of most of the drain plugs on today's and yesterday's cars and trucks. This tool is a stamping and will render good service for a reasonable length of time.

Number	Length
R-50	10"

DEGREASING KNIFE

Used widely by Lubrication men, but also borrowed by every mechanic in the shop because it speedily strips off grease from motors as well as chassis.

Number	Length
K-6	7"

GREASE FITTING TOOLS

Here are a pair of real time savers — each Tool fits either Alemite or Zerk fittings. The Tool compactly contains three necessary parts: A socket to safely remove tightest fittings without breakage — an Extractor to surely back out broken fittings — and a Tap to rethread damaged holes. One Tool completes the job from start to finish.

Number	Size
NR-243	2 1/2"
NR-310	3 1/2"

BENDIX BRAKE TOOLS

Designed for service work on most types of Bendix Brakes. Special angle and shape of ends fits the job correctly — does away with makeshift tools, saves time and effort.

Number	Width of Blades	Length
M-104	1/2"	8"
M-105	1/2"	7 1/2"
M-106	1/2"	8"

UTILITY BRAKE WRENCH

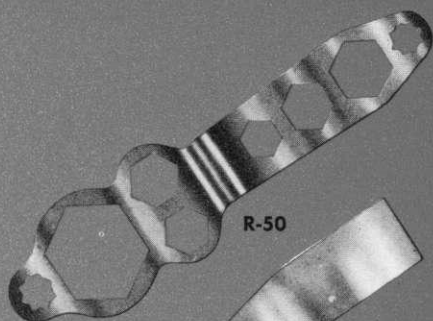
This Wrench is especially valuable because it has a very thin blade. It gets in to make adjustments on many brakes where other tools will not reach.

Number	Size Blade	Length
M-107	1/2" wide	9"

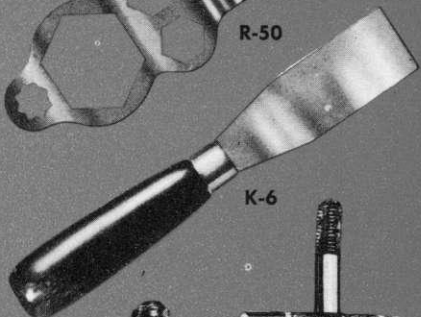
BRAKE SPRING PLIERS

On close work, this 9" size will prove to be an invaluable addition to any brake tool set. These Pliers are big enough to tackle the toughest brake springs, yet small enough to stay out of the way. Curved jaw is specially shaped to clear the brake shoe edge.

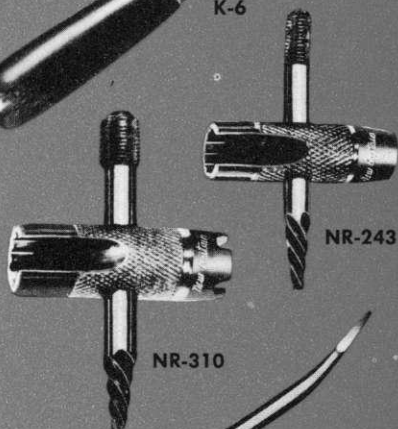
Number	Size
P-62	9"



R-50

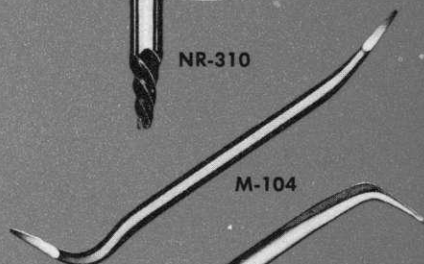


K-6

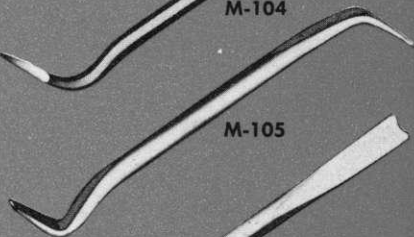


NR-243

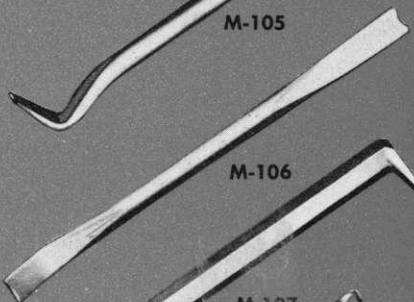
NR-310



M-104



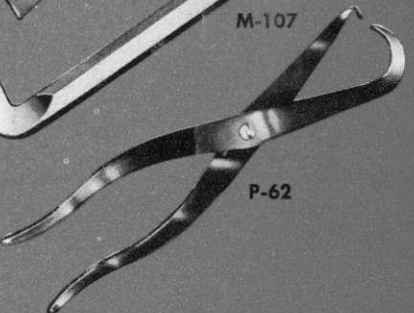
M-105



M-106



M-107



P-62

New Britain

DROP FORGED PLIERS

If you could look into the tool cabinets of exacting mechanics in all lands, you would find New Britain Pliers everywhere. Large Industries and Utilities specify these super Pliers. Where time is short on exacting jobs, initial price is unimportant. New Britain Pliers cost more but quickly pay off in extra production.

HEAVY DUTY PARROT NOSE PLIERS

Powerful gripping Pliers, drop forged from special alloy steel. The sturdy jaws grip like a pipe wrench. Three position, adjustable slip joint. Polished and buffed head.

Number P-34 Size 8"

DIAGONAL CUTTING PLIERS

Very popular among automobile mechanics because the jaws are hardened to cut piano wire or choke wire. Finish polished head.

Number P-45 Size 6"

HEAVY DUTY DIAGONAL CUTTING PLIERS

The sturdy construction, great cutting angle and spoon shaped jaws, make this a popular Plier with mechanics. Finish polished head.

Number P-50 Size 7"

LONG NOSE SIDECUTTING PLIERS

For some simple gripping jobs a low-priced plier will serve almost as well as a specially drop forged and heat treated product. However, for long reach work in any restricted corners, there is no choice about the tool to use. Even the best is not too good where enormous pressure must be exerted on sometimes less than a quarter of an inch of gripping surface. Here is a plier you will use and recommend. Temper blue finish, polished heads.

Number P-582 Size 6 1/2"

FLUSH BOLT SIDECUTTER

Special New Britain flush bolt sidecutter for the automotive mechanic. The sidecutting jaws are real cutters. Use them for gripping and holding on all your work. Temper blue finish, polished heads.

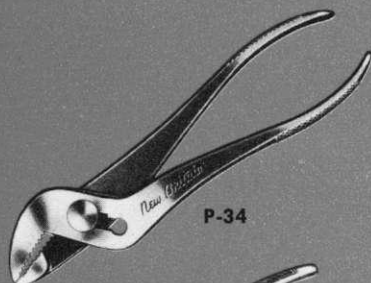
Number P-400 Size 7"

PISTOL-GRIP SLIP JOINT PLIER

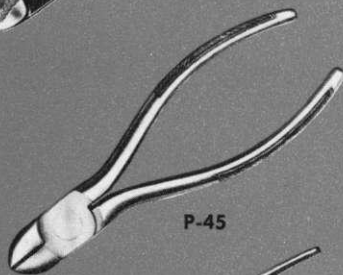
Here's the newest thing in slip joint pliers. Easiest to handle — the pistol grip fits the hand naturally, and the off-set reaches those hard-to-get-at places. Natural working angle insures more holding power — with less wrist strain. The grip that won't slip.

Number P-32 Size 8"

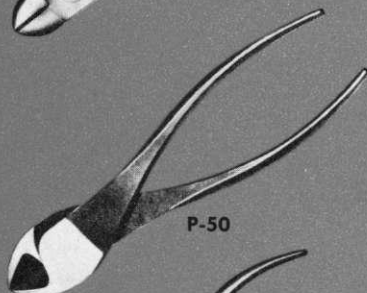
Forged Pliers



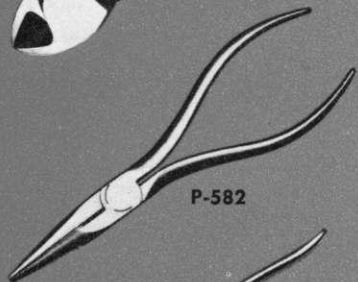
P-34



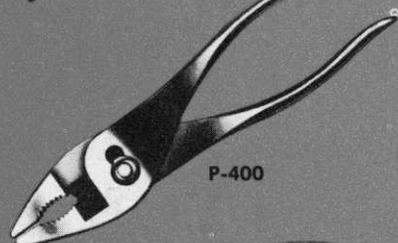
P-45



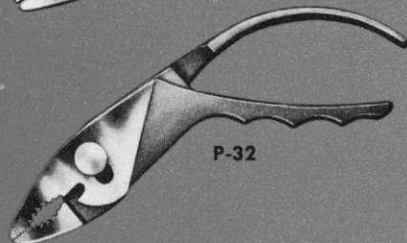
P-50



P-582



P-400



P-32

New Britain

DROP FORGED PLIERS

Specially designed Pliers for special work are the demands of the modern mechanic. Difficult connections require Tools which will exactly fit without injuring the work. The finest steels have been selected in the creation of these Pliers.

LARGE DIAGONAL PLIERS

A real handful that permits tremendous leverage and will quickly and surely cut all of the wire that you will ever encounter. The cutting edges have been specially treated and individually tested before leaving the factory. Temper blue finish, polished heads.

Number	Size
P-500	7"

LINEMAN'S PLIERS

A new design in construction pliers developed in cooperation with Utilities Companies. You will appreciate its many advantages the moment you see and handle a pair of these heavy duty line pliers. Sturdy rivets guarantee permanent action. Polished heads, temper blue handles.

Number	Size
P-72	8"

BATTERY PLIERS

Designed expressly for battery installation work. Offset jaws provide good knuckle clearance. Nickel plated. Note P-41 Heavy Duty Battery Pliers below. This angle nose Tool grips nuts firmly with precision broached jaws. Heavy duty tool steel with polished and buffed head.

Number	Size
P-40	7"
P-41	7"

WATER PUMP PLIERS

Known as "Pump Pliers" but can be rightfully called "All Purpose Pliers." Teeth set at a backward (Pipe Wrench) angle. Has five adjustments with opening from 0 to 1 3/8". Nickel Plated.

Number	Size
P-30	9 1/2"

HEAVY DUTY WATER PUMP PLIERS

Big Water Pump Pliers also favored by electricians for lock nuts. Has 8 adjustments from 0 to 1 3/4" and even at extreme opening jaws remain parallel. Polished and buffed head, knurled grip.

Number	Size
P-31	9 1/2"

P-500

P-72

P-40
P-41

P-30

P-31

New Britain

DROP FORGED PLIERS

HEAVY DUTY SLIP JOINT COMBINATION PLIERS

Fine quality all-purpose Pliers that are equal to the thousand and one jobs they are called upon to do every day. These are Heavy Duty Pliers in every sense . . . drop forged and specially tempered . . . in sizes 6½", 8" and 10". Snub-nosed design with smooth-action slip joint. Powerful, sure-grip jaws with wire cutter. Blue steel finish, knurled grip and polished heads.

Number	Size
P-29	6½"
P-27	8"
P-28	10"

BRAKE SPRING PLIERS, 9"

Brake work can never be made easy. The correct Tools, however, will speed it up. On close work, this 9" size will prove to be an invaluable addition to any Brake Tool Set. Cadmium Plated.

Number	Size
P-62	9"

BRAKE SPRING PLIERS, 13"

A sturdy Tool of the popular type for brake spring services. Has the leverage to handle the strongest springs with ease. Notched ends for adjustments. Polished head.

Number	Size
P-63	13"

LOCK RING PLIERS

Designed to spread snap lock rings and remove horseshoe type of brake key from brake shoe. Spring action keeps jaws in closed position for easy operation. Jaws notched and outside face knurled to prevent slipping. Polished jaws.

Number	Size
P-58	7¾"

IGNITION PLIERS

A midjet Plier that is intended for heavy work. The exclusive design guarantees a solid grip on any small nut. Three adjustments with a ½" range.

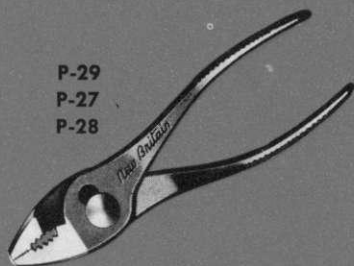
Number	Size
P-36	5"

Forged Pliers

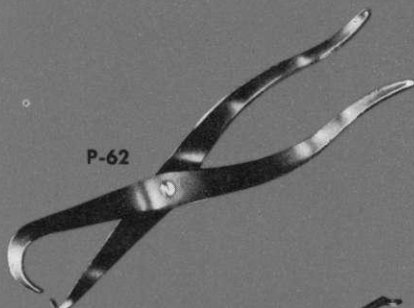
P-29

P-27

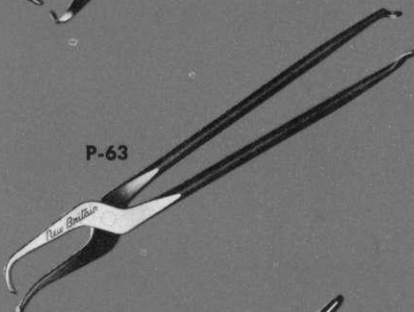
P-28



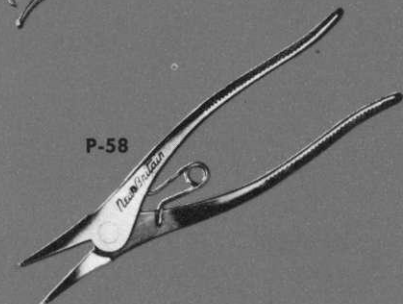
P-62



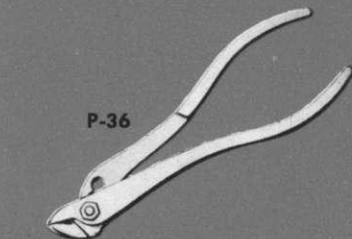
P-63



P-58



P-36



New Britain

REAMERS

ADJUSTABLE VALVE STEM GUIDE CLEANERS

These Valve Guide Cleaners expand to fit the job. The tempered spring-steel blades can be reversed for a new cutting edge. You can also resharpen the blades by holding them flat against an emery wheel.

Number	Size	Blades
VGC-11	5/16" to 9/16"	4
VGC-11B	Set of 4 extra Blades	
VGC-12	9/16" to 3/4"	5
VGC-12B	Set of 5 extra Blades	
VGC-13*	27/32" to 1 1/32"	5
VGC-13B	Set of 5 extra Blades	

*Special for Ford V-8, 60 and 85 H.P.

KING BOLT BUSHING REAMER

Solid Type

Made in sizes for all popular makes of cars. Milled flutes remove burrs or excess metal. Both ends are ground as pilots and enter freely in perfect alignment.

Number	
R-680	For all A, B & V-8 Ford Pass. cars including 1952. F-1, F-2 & F-3 and 1-ton Ford trucks thru 1952. Also Mercury cars 1938 to 1948.
R-710	For all 1938 to 1952 Ford trucks including F-4 & F-5 1 1/2-ton V-8 and F-6 2-ton 1948 to 1952.
R-730	For Chev. Trucks, cab-over-engine & H.D. 1 1/2—2-ton 1939-1952 incl.
R-740	For all knee-action Chevrolet Pass. cars 1934 to 1952. 1941 to 1952 1/2-ton Chevrolet trucks. All Packards 1935 to 1950 incl. All Pontiacs 1934 and 1935 knee-action models.
R-780-A	For all Lincoln Zephyr & Lincoln 1937-1951 incl. Mercury 1949-1951.
R-820	For all Chev. 3/4 & 1 1/2-ton trucks 1931 to 1952 incl. (Except cab-over-engine & H.D.)
R-840	For all Plymouth 1933 to 1951 — Dodge 1935 to 1951. (Except 7 passenger sedan and limousine.)
R-890	For all Buick 1934-1950 incl. Oldsmobile 1926-1951. All 6 & 8 cylinder Pontiacs 1937-1950 incl.

PISTON PIN BUSHING REAMERS

Solid Type

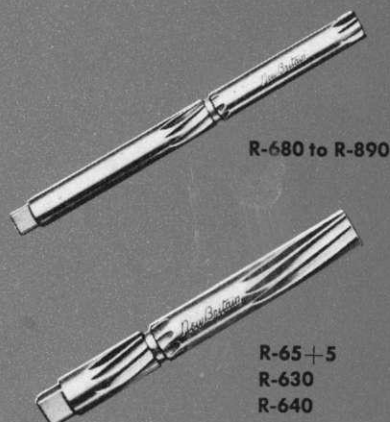
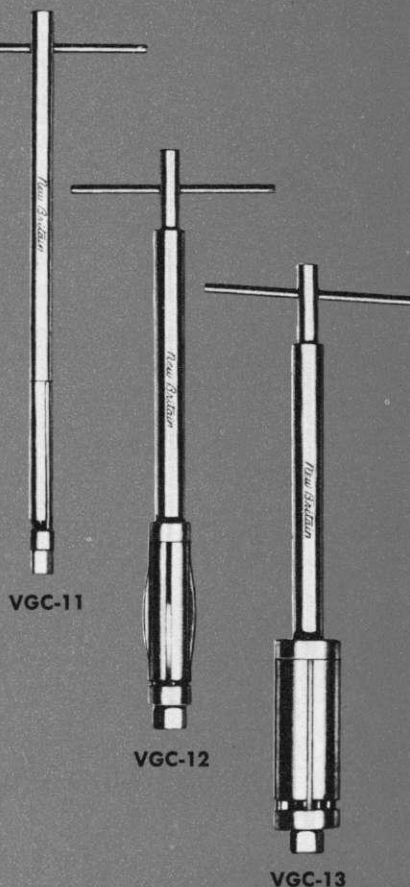
Front ends precisely ground to act as pilots. Make easy reaming of pistons and connecting rods.

Number	
R-65+5	For all Ford V-8 cars and trucks (except 60 H.P.) also all Mercury and Lincoln Zephyr cars .005 O.S.

PITMAN SHAFT (STEERING SECTOR)

BUSHING REAMERS

R-630	For Ford V-8 1 1/2-ton trucks 1932-1947. Also models F-3, F-4, F-5, F-6, 1948 to 1951 incl.
R-640	For Ford A, B & V-8 cars thru 1950. AA, BB, F-1, F-2 Ford trucks including 1948. Chevrolet 1935 to 1952 including master and deLuxe cars. Chevrolet trucks 1936 to 1952 inclusive (except 2-ton).



New Britain

REAMERS, HONES AND BUSHING DRIVER SETS

UNIVERSAL CYLINDER RIDGE REAMER SETS

This Cylinder Ridge Reamer Set removes the unworn ridge from the cylinders of all cars with bores from $2\frac{1}{16}$ " to $4\frac{7}{8}$ ", which includes the Ford V-8. The supporting lugs are mounted on the blades to expand with the blades so that the head studs need not be removed from the block. The lugs are held against the top of the block by pressing down on the knob. In cars with recessed cylinder blocks such as Buick, Chevrolet and Nash, the lugs are replaced by small plates and the Tool rests on top of the piston while reaming.

Parts Included:

RP-181 Set of three short blades, size $2\frac{1}{16}$ " to $3\frac{3}{4}$ "

RP-182 Set of three long blades, size $3\frac{3}{4}$ " to $4\frac{7}{8}$ "

Set Number	Size of Box
R-173	$5\frac{1}{2}$ " x 4" x $3\frac{1}{2}$ "

TRUCK, TRACTOR AND BUS CYLINDER RIDGE REAMER SET

This set contains the same features as R-173 Set, with blades and strips to ream $4\frac{7}{8}$ " to $6\frac{7}{16}$ " with one set of three filler strips together with operating knob.

Parts Included:

RP-178 Set of three blades with strips, size $4\frac{7}{8}$ " to $6\frac{7}{16}$ "

Set Number	Size of Box
R-174	$5\frac{3}{4}$ " x $6\frac{1}{4}$ " x $6\frac{1}{2}$ "

RP-179 Set of three special blades with strips, ranging from $6\frac{7}{16}$ " to 8" size for use with Ridge Reamer R-174.

GENERAL PURPOSE HONING SET

Can be used with any lathe, drill motor, drill press or reaming machine with 50 to 150 R.P.M. Use kerosene or machine oil freely and go to work. Use it for all honing, lapping and burnishing on piston pins, steering knuckles, etc. The set includes 3 hones, 9 refills, 3 shims and 3 burnishers. Range from $\frac{3}{4}$ " to 1.115".

Parts Included:

RP-201 Set of 12 abrasives (coarse)

RP-201F Set of 12 abrasives (fine)

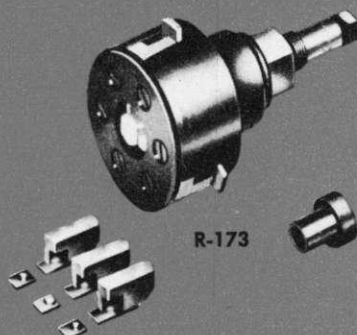
RP-202 Set of 3 burnishers

RP-203 Set of 3 shims

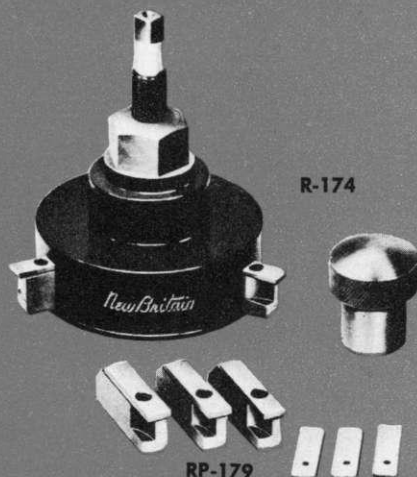
RP-203B Set of 3 die cast blades

Set Number	Size of Box
R-200	10 " x $5\frac{1}{4}$ " x $1\frac{1}{2}$ "

Reamers and Pilots

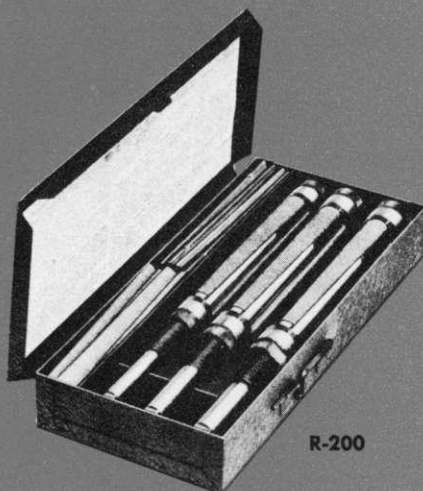


R-173

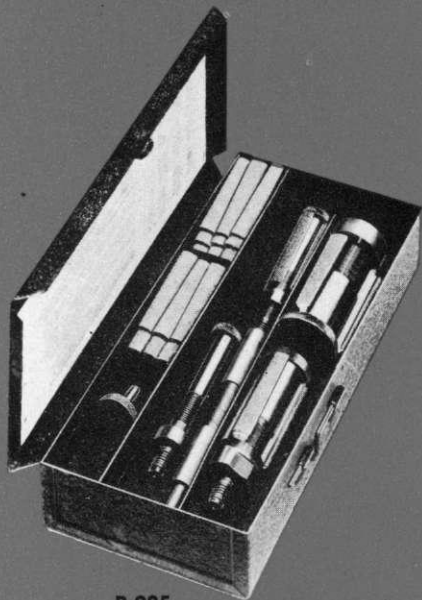


R-174

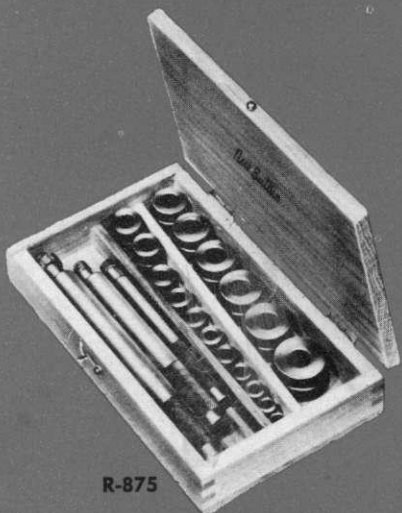
RP-179



R-200



R-925



R-875

New Britain HONES AND BUSHING DRIVERS

HYDRAULIC BRAKE CYLINDER HONE

This Set has a range wide enough to cover all pleasure cars and trucks. Blades expand $\frac{1}{16}$ " in slots so that moving from one set of slots to another gives $\frac{1}{8}$ of an inch expansion. Therefore, the three sets of blades can give $\frac{3}{8}$ " expansion in each body. The complete set has three bodies so that the complete range is from $\frac{3}{4}$ " to $1\frac{1}{8}$ ".

Parts Included:

- RP-899C Set of 12 hone abrasives (coarse)
- RP-899F Set of 12 hone abrasives (fine)
- RP-896 Set of 3 small die cast blades
- RP-897 Set of 3 medium die cast blades
- RP-898 Set of 3 large die cast blades
- RP-920 Flexible driving shaft
- RP-876B Two $1\frac{1}{16}$ " to 1" hone bodies with nuts, collars and cup screws
- RP-877B $1\frac{1}{8}$ " to $1\frac{1}{2}$ " hone body with nut, collar, cup screw. Special 1" cup screw for honing step bore cylinders
- RP-878B $1\frac{1}{2}$ " to $1\frac{7}{8}$ " hone body, nut, collar, screw

Set Number
R-925

Size of Box
 $9\frac{3}{4}$ " x $4\frac{1}{4}$ " x $1\frac{1}{2}$ "

BUSHING REMOVER AND REPLACING SET

Drives bushings from all passenger cars, buses and a large percentage of trucks and tractors. This is a practical set designed to meet the demands of the up-to-date garage.

Drivers Included

Number	Inside Diameter	Outside Diameter
RP-847	$\frac{3}{8}$ "	$\frac{7}{16}$ "
RP-848	$\frac{13}{32}$ "	$\frac{7}{16}$ "
RP-849	$\frac{7}{16}$ "	$\frac{1}{2}$ "
RP-851	$\frac{1}{2}$ "	$\frac{5}{8}$ "
RP-853	$\frac{9}{16}$ "	$1\frac{1}{16}$ "
RP-853A*	$3\frac{9}{64}$ " — $\frac{5}{8}$ "	$4\frac{3}{64}$ " — $1\frac{1}{16}$ "
RP-854	$\frac{5}{8}$ "	$\frac{3}{4}$ "
RP-855	$1\frac{1}{16}$ "	$1\frac{3}{16}$ "
RP-856**	$4\frac{7}{64}$ " — $\frac{3}{4}$ "	$5\frac{5}{64}$ " — $\frac{7}{8}$ "
RP-857	$\frac{13}{16}$ "	$1\frac{5}{16}$ "
RP-858***	$5\frac{5}{64}$ " — $\frac{7}{8}$ "	$6\frac{3}{64}$ " — 1"
RP-859	$1\frac{5}{16}$ "	$1\frac{1}{16}$ "
RP-860	1"	$1\frac{1}{8}$ "
RP-861	$1\frac{1}{16}$ "	$1\frac{3}{16}$ "
RP-862	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "
RP-862-A	$1\frac{3}{16}$ "	$1\frac{5}{16}$ "
RP-863	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "
RP-864	No. 1 driver (small)	
RP-865	No. 2 driver (medium)	
RP-866	No. 3 driver (large)	
RP-867	No. 1 and 2 driver nut	
RP-868	No. 3 driver nut	

*Will drive Chev. 6 water pump bushing.

**Will drive Chev. 6 king bolt bushing.

***Will drive Chev. 6 king bolt bushing (knee action type) and Chev. 6 piston pin bushing, size .866".

Set Number
R-875

Size of Box
 $7\frac{3}{4}$ " x $4\frac{1}{2}$ " x 1"

New Britain

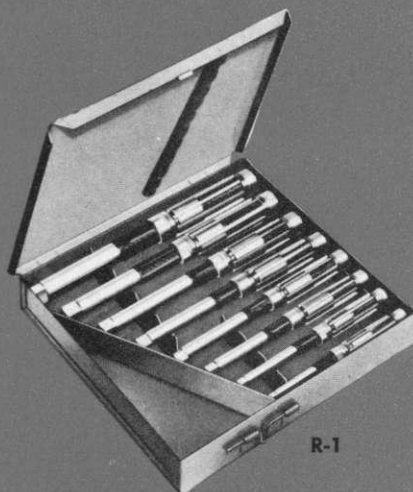
REAMER AND PILOT SETS

ADJUSTABLE TYPE

These Sets contain only the new type of Expansion Reamers and pilots which have revolutionized reaming work. They fit all standard Critchley type Expansion Reamers. They are ground diametrically to guarantee accuracy.

REAMER SET

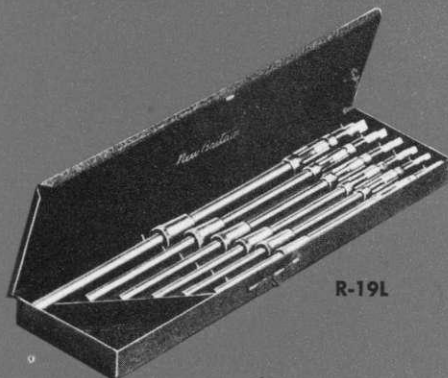
Number	Size	Number	Size
RP-A	15/32" to 17/32"	RP-E	23/32" to 25/32"
RP-B	17/32" to 19/32"	RP-F	25/32" to 27/32"
RP-C	19/32" to 21/32"	RP-G	27/32" to 15/16"
RP-D	21/32" to 23/32"	RP-H	15/16" to 1 1/16"
Set No.	Size of Box		
R-1	9 1/2" x 8" x 1 1/2"		



R-1

PILOT SET

Number	Size	Number	Size
RP-A-1	15/32" to 17/32"	RP-E-1	23/32" to 25/32"
RP-B-1	17/32" to 19/32"	RP-F-1	25/32" to 27/32"
RP-C-1	19/32" to 21/32"	RP-G-1	27/32" to 15/16"
RP-D-1	21/32" to 23/32"	RP-H-1	15/16" to 1 1/16"
Set No.	Size of Box		
R-4	7" x 4 1/2" x 1 1/2"		

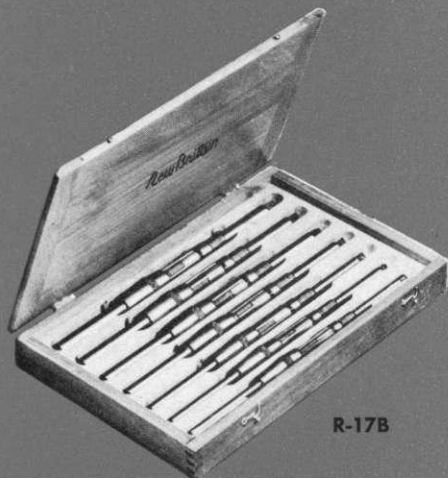


R-19L

EXTRA LONG ALIGNING REAMERS

These were designed for electric motor bearings but they are perfect Tools to use wherever two bearings are to be brought into direct alignment.

Number	Size	Number	Size
RP-1L	1/2" to 9/16"	RP-6L	3/4" to 13/16"
RP-3L	5/8" to 1 1/16"	RP-8L	13/16" to 7/8"
RP-5L	1 1/16" to 3/4"	RP-11L	1" to 1 1/16"
Set No.	Size of Box		
R-19L	21" x 6" x 1 1/2"		



R-17B

PRECISION PILOT REAMERS

You must see this Set to appreciate its great advantages in reaming King Bolt, Spring Shackle, Pitman Arm, Piston Pin, Water Pump and Tie Rod Bushings. The Set includes the following sizes:

Number	Size	Number	Size
RP-5B	1 1/16" to 3/4"	†RP-9B	.915" to 1"
*RP-6B	.730" to 13/16"	§RP-10B	.985" to 1 1/16"
RP-7B	13/16" to 7/8"	RP-11B	1 1/16" to 1 1/8"
†RP-8B	.860" to 15/16"		

*RP- 6B reams Chev. 6 King Bolt Bushing, size .735"

†RP- 8B reams Chev. 6 Piston Pin Bushing, size .866"

‡RP- 9B reams Chev. 6 Truck King Bolt Bushing, size .922"

§RP-10B reams Chev. 6 Piston Pin Bushing, size .991"

Set. No.	Size of Box
R-17B	12 1/2" x 8" x 1 1/2"

New Britain VALVE SEAT SETS

ABRASIVE VALVE SEAT GRINDER SET

Will reface either hard or soft valve seats in one or two minutes. The set contains five abrasive cutters, five dozen abrasives (9 coarse and 3 fine per dozen), one dozen for each size cutter, 2 valve guide bushings, 18 pilots, one handle.

ABRASIVE CUTTERS

Number	Cutters	Size	Number	Cutters	Size
RP-529	1 3/4"	30°	RP-533	2 1/8"	30°
RP-531	2 1/8"	45°	RP-534	1 7/8"	30°
RP-139	RP-532	1 1/2" 45°			
RP-140	Ford V-8 Valve Guide Bushing (except 60 H.P.) Ford V-8 Valve Guide Bushing (for 60 H.P.)				

*PILOTS

Size	Size	Size
5/16"	1 1/32" — .002	3/8" — .002
5/16" + .001	1 1/32" — .003	3/8" — .003
2 1/64"	1 1/32" — .004	3/8" — .004
2 1/64" + .001	3/8"	25/64"
1 1/32"	3/8" + .001	25/64" + .001
1 1/32" + .001	7/16"	1 9/32"

ABRASIVE DISCS

Number		Wgt. Pkg.
RP-725-AB	1 doz. abra. discs for 2 1/8" 45° cutter	3/4 oz.
RP-727-AB	1 doz. abra. discs for 2 1/8" 30° cutter	3/4 oz.
RP-728-AB	1 doz. abra. discs for 1 3/4" 30° cutter	3/4 oz.
RP-729-AB	1 doz. abra. discs for 1 7/8" 30° cutter	3/4 oz.
RP-729-ABC	1 doz. abra. discs for 1 1/2" 45° cutter	3/4 oz.
Set Number	Size of Box	
R-720	10" x 8" x 2 1/2"	

INSERTED BLADE VALVE RESEATING SET

Because these cutters contain seven blades irregularly spaced and set at the exact angle, they will produce a smooth surface even though they have to cut through burnt or glazed steel. The complete Garage Set includes seven cutters, one V-8 Ford Pilot Bushing, eighteen pilots and one handle.

CUTTERS

Number	Cutters	Size	Number	Cutters	Size
RP-2430	1 1/2"	30°	RP-3230	2"	30°
RP-2445	1 1/2"	45°	RP-3245	2"	45°
RP-2460	1 1/2"	60°	RP-3260	2"	60°
RP-139	RP-2830	1 3/4" 30°			
	Ford V-8 Val. Gd. Bush.				

*PILOTS

Size	Size	Size
5/16"	1 1/32" — .002	3/8" — .003
5/16" + .001	1 1/32" — .003	3/8" — .004
2 1/64"	1 1/32" — .004	25/64"
2 1/64" + .001	3/8"	25/64" + .001
1 1/32"	3/8" + .001	7/16"
1 1/32" + .001	3/8" — .002	1 9/32"

Set. No.	Size of Box
R-201	12 1/2" x 9 1/2" x 2 1/2"

*Replacement pilots for both R-720 and R-201 Sets can be ordered by specifying size of Pilot and Set number.



R-720



R-201

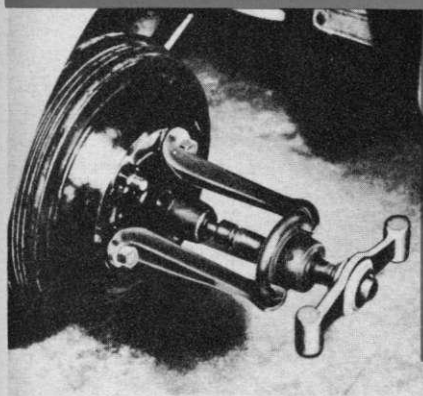


Figure 1 shows the New Britain P-100 Wheel Hub Puller in use on a drum with five bolts in the circle. Note that the tool rests squarely with the drum. Two of the pulling legs have been spread around the center wheel to fit the other two studs.

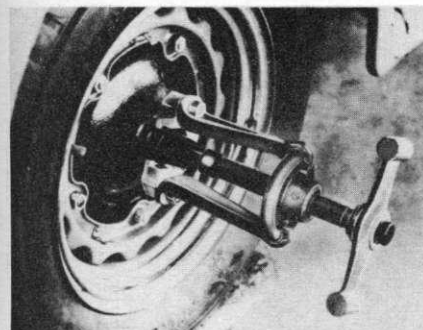
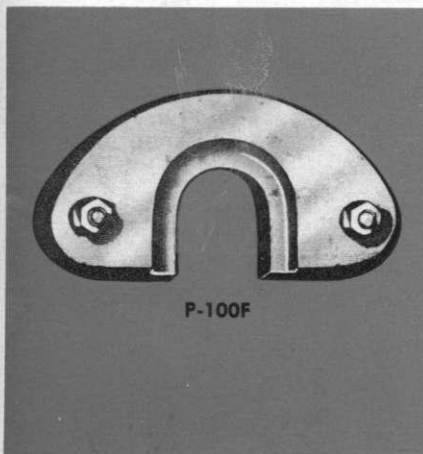
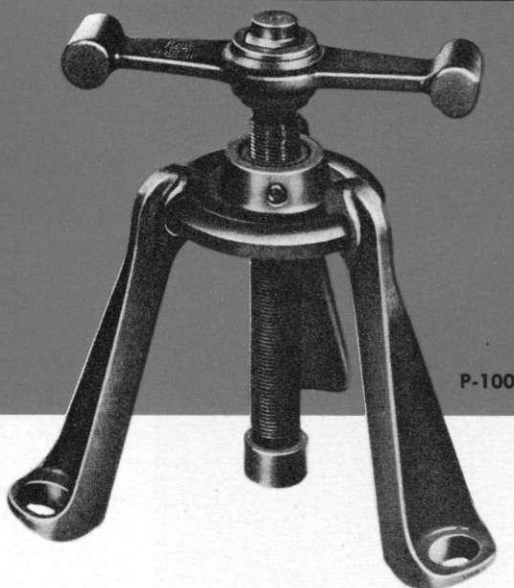


Figure 2 shows the Puller and Ford V-8 Adapter P-100F in use on a Ford drum. Use of this adapter on Ford wheel hubs prevents springing pressed steel drums out of alignment.



P-100F



P-100

New Britain

UNIVERSAL HUB PULLER

The real test of a Hub Puller is when the spread gets up to 7" or more. Here, as well as under ordinary conditions, the New Britain P-100 Hub Puller performs quickly and efficiently without bending hub bolts. Hub, legs and wrench of drop forged alloy steel. The adjustable legs are readily adaptable to any hub regardless of the number of studs where the bolt circle does not exceed 7½". The screw has very fine threads for maximum leverage and the design includes a sliding bearing through which the screw rides. This feature enables the mechanic to attach Puller, draw screw tightly against the axle — and then, with a slight hammer blow on the wrench, remove the most stubborn hub. For use as a two-leg Puller on wheels with four or six bolts, simply slide off one leg and adjust others to give you a straight pull.

Number

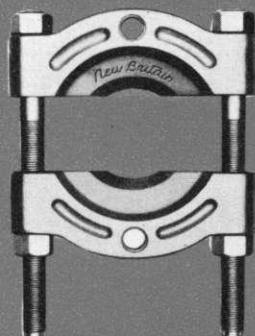
P-100	Wheel Hub Puller Set
P-100F	Special Attachment for Fords
P-100J	Replacement Leg
P-100W	Hub Puller Wrench

SPECIAL FORD WHEEL PULLER ATTACHMENT

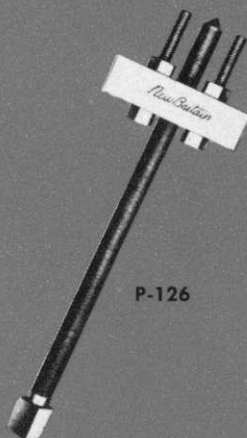
Designed to be used with the New Britain Hub Puller No. P-100 and other stud type Pullers. Drop forged steel, rugged and strong . . . this device exactly fits the Ford Hub and permits pulling without any danger of springing pressed steel drums out of alignment. A special tool that saves time and assures a trouble-free end result on Ford '36-'48 and all Mercury cars.

Number

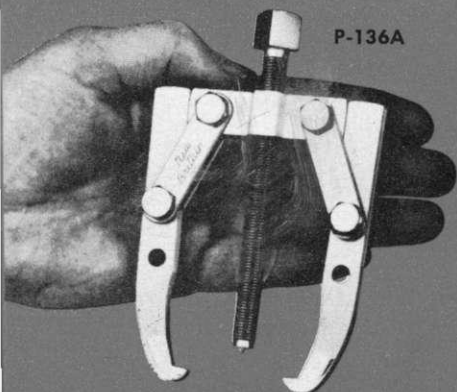
P-100F



P-124
P-125



P-126



P-136A

New Britain

SUPER GRIP PULLERS

TAPERED BEARING ATTACHMENT

Another exclusive and improved New Britain Tool design to assist automotive mechanics in doing better work, easier and more quickly. Not only will this New Britain Bearing Attachment perform every job of separating you'll be called upon to do, but it will do it surely and stand up under heavy work. The stud holes, spotted in the center of each jaw afford precise positioning of the two jaws of the Hub Puller. This Bearing Attachment is especially recommended for use with New Britain Hub Pullers Nos. P-100, P-140D and P-150D.

Number	Capacity
P-124	2 1/4"
P-125	4 1/4"

GEAR AND PULLEY PULLER

Designed for pulling timing gears, bearings and races on generators and other parts such as Chevrolet fan pulleys, etc. The slotted block permits a wide range of adjustments. The screw is long enough to reach through the crank hole and remove the fan pulley without dismounting the radiator. This Tool is especially useful when used with P-124 shown above in many push-pull operations.

Number	
P-126	Complete as illustrated

MIDGET GEAR PULLER

The Midget Gear Puller has a patented gripping feature that affords many advantages. The thin jaws and their great strength give you a Tool that is at once Safe and Sure. The power-pitch threads on the forcing screw contribute more power than the conventional V-thread. P-136A is invaluable for pulling small gears, bearings, and armature arbors. It slips with ease through armature bearing races. Safer because it doesn't slip... *the tougher the pull, the harder it grips.*

Number	Capacity
P-136A	4"

New Britain

Pulling Equipment

SUPER GRIP PULLERS

HEAVY DUTY GEAR PULLERS

The Pullers illustrated and described on this page comprise a group which will handle the majority of pulling jobs a repair shop will be called upon to perform. Jaws and blocks are of drop forged chrome molybdenum steel, oil tempered to stand hard service. The Power-Pitch thread on the forcing screw provides one third more power than the conventional V-type thread. For ruggedness, power and dependability even on the most stubborn jobs you'll find these New Britain Gear Pullers great time and trouble savers.

SENIOR GEAR PULLER

8" MAXIMUM SPREAD

These New Britain non-slip Gear Pullers have a maximum reach of 5½" and will handle work up to 8" in diameter including flywheels, pulleys, gears and other parts where it is necessary to fit the arms between spokes where other Pullers cannot function. They apply a direct pull parallel with the center by virtue of their 3-point grip. They have all the power to do their job and are built with plenty of reserve strength.

Number	Capacity Dia.
P-139D	8"

REVERSIBLE JAW GEAR PULLER

8" MAXIMUM SPREAD

These two-jaw Pullers owe their popularity to the wide range of work they perform. The reversible arms provide thin grips at one end, which can be applied in restricted places; and slotted grips at the other, which conveniently engage cap screws where gears or parts having tapped holes are being removed. The wide range of work encompassed by this Tool embraces truck, bus, tractor, aircraft and refrigerator work as well as work on passenger cars.

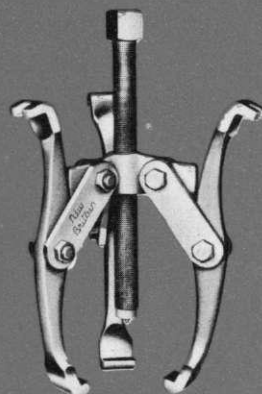
Number	Capacity Dia.
P-140D	8"

JUNIOR GEAR PULLER

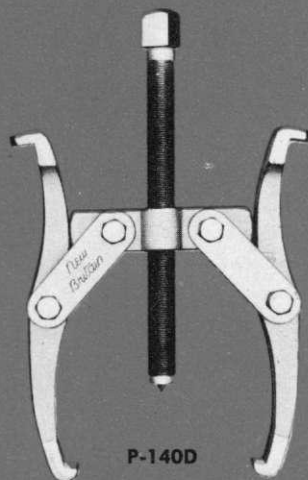
6" MAXIMUM SPREAD

A smaller edition of the New Britain Model P-139D Wheel Puller. Made of the same quality materials, with adjustable arms and featuring the non-slip design wherein the tougher the pull the harder the grip.

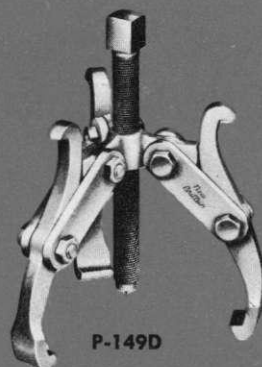
Number	Capacity Dia.
P-149D	6"



P-139D



P-140D



P-149D

New Britain

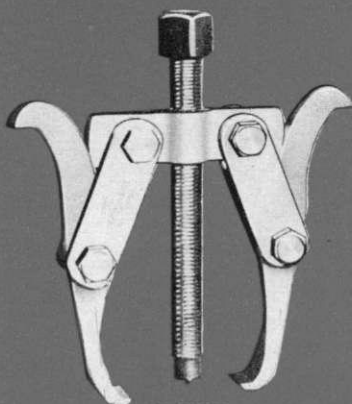
SUPER GRIP PULLERS

REVERSIBLE GEAR PULLER

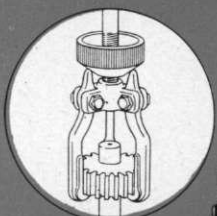
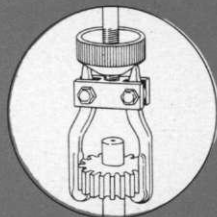
6" MAXIMUM SPREAD

A smaller size model of the New Britain No. P-140D Reversible Jaw Gear Puller which is especially popular where work includes removal of magneto and generator gears and bearings, timing gears, pinions and other small parts that are frequently difficult to remove. The reversible arms, readily changed by removal of link bolts, broaden the usefulness of this non-slip grip Puller.

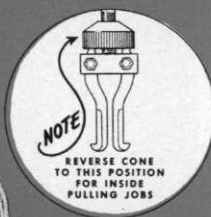
Number	Dia. Spread
P-150D	6"



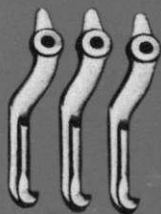
P-150D



P-148



NOTE
REVERSE CONE
TO THIS POSITION
FOR INSIDE
PULLING JOBS



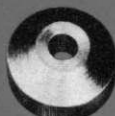
P-148-1



P-148-2



P-148-3



P-148-4

SLIDE HAMMER PULLER SET

The Slide Hammer Puller Set shown at the left is a universal Tool that is easily and quickly adapted to outside and inside pulling operations. It can be used as a two-way or three-way puller by simply changing the Two-Way Block, P-148-2 to the Three-Way Block, P-148-3 and inserting Jaws, P-148-1 as shown in the small illustrations alongside the complete assembly. Reversing the Cone, P-148-4 arranges the Tool for inside pulling jobs. Your Slide Hammer Puller Set will find plenty of use in pulling gears, bearings, pinions, grease retainers, oil seals, bearing outer races and many other troublesome jobs. Capacity with 2-Jaws—Outside: 1" to 4½", Inside: 1¼" to 3¾". Capacity with 3-Jaws—Outside: 1½" to 4½", Inside: 1-5/16" to 4¾".

Number

- P-148** Complete Slide Hammer Puller Set including Slide Hammer Assembly, P-148-1 Set of 3 Puller Arms, P-148-2 Two-Way Puller Head, P-148-3 Three-Way Puller Head, P-148-4 Adjusting Cone
- P-148-1** 3 Puller Arms
- P-148-2** Two-Way Puller Head
- P-148-3** Three-Way Puller Head
- P-148-4** Adjusting Cone
- P-148-5** Slide Hammer Assembly Only

New Britain

MISCELLANEOUS TOOLS

AXLE RETHREADING DIES

Dies are finest quality tool steel. To recondition abused and damaged threads, place Rethreading Die over thread, tighten Die and back it off.

Sizes for Passenger Cars

- | | |
|-----------------------------------|-----------------------------------|
| (A) $\frac{5}{8}$ " die 18 Thread | (C) $\frac{3}{4}$ " die 16 Thread |
| (B) $\frac{7}{8}$ " die 14 Thread | (D) 1" die 14 Thread |

Set Number	Length
M-460	11"

Sizes for Trucks

- | | |
|-----------------------------------|------------------------------------|
| (A) $1\frac{1}{4}$ " die 7 Thread | (C) $1\frac{1}{4}$ " die 12 Thread |
| (B) $1\frac{1}{2}$ " die 6 Thread | (D) $1\frac{1}{2}$ " die 12 Thread |

Set Number	Length
M-461	11"

SELF-FEEDING TUBE CUTTERS

Handle all sizes of tubing—copper, brass or lead—from $\frac{1}{8}$ " to 1" diameter. After the tube has been inserted, and the Cutter tightened, it does not have to be reset. The tension in the frame automatically cuts deeper on each turn until the tube is severed.

Number	Capacity	Length
T-120	$\frac{1}{8}$ " to $\frac{3}{8}$ "	4 $\frac{1}{2}$ "
T-121	(Extra Blade)	
T-130	$\frac{5}{8}$ " to 1"	5 $\frac{1}{4}$ "
T-131	(Extra Blade)	

FLARING TOOL

The most compact Flaring Tool set ever designed. One of the New Britain Self-Feeding Tube Cutters with a New Britain Flaring Tool takes care of no less than seven sizes, $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ". The design makes for a quick job with accurately flared openings.

Number	Length
FT-11	6"

SCREW EXTRACTORS

Nothing requires more strength and toughness than an Extractor to remove broken studs. These Extractors are hand forged to insure correct temper, angle and grip.

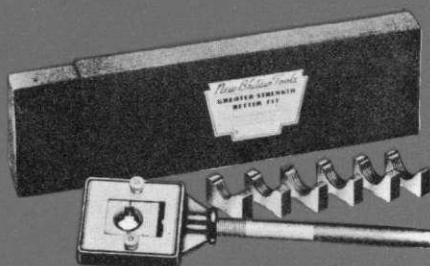
Number	Bolt. Diam.	Use Drill	Drill Depth
E-101	$\frac{1}{4}$ " to $\frac{5}{16}$ "	$\frac{5}{32}$ "	$\frac{3}{16}$ "
E-102	$\frac{5}{16}$ " to $\frac{3}{8}$ "	$\frac{3}{16}$ "	$\frac{3}{16}$ "
*E-103	$\frac{3}{8}$ " to $\frac{7}{16}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "
E-104	$\frac{7}{16}$ " to $\frac{1}{2}$ "	$\frac{5}{16}$ "	$\frac{1}{4}$ "
E-105	$\frac{1}{2}$ " to $\frac{5}{8}$ "	$\frac{3}{8}$ "	$\frac{5}{16}$ "
E-106	$\frac{5}{8}$ " and up	$\frac{7}{16}$ "	$\frac{5}{16}$ "

*Recommended for Alemite Fittings.

SCREW EXTRACTOR SETS

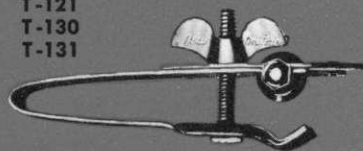
Set No.	Contents
E-20	4 Extractors, Nos. E-101 through E-104, in Leatherette Roll
E-21	6 Extractors, Nos. E-101 through E-106, in Leatherette Roll

Miscellaneous Tools

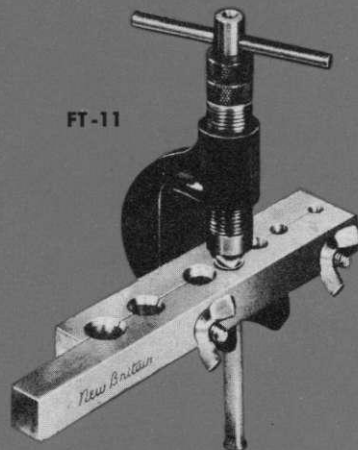


M-460
M-461

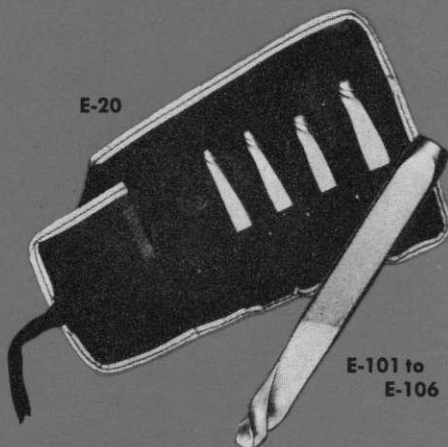
T-120
T-121
T-130
T-131



FT-11



E-20



E-101 to
E-106

GENERAL PURPOSE TOOLS

BODY WORKERS' SNIP

An exceptionally rugged snip for cutting metal, especially suited for body work. Cuts cleanly, features a comfortable grip and the leverage necessary for heavy-duty service. Blades are of specially tempered steel which will outwear several pairs of ordinary tinner's snips.

Number	Length
M-470	12"

FLEXIBLE CARBON SCRAPER

A unique Tool that is made from a number of different segments which go after carbon independently. Will hit the low spots as well as the high places and do an efficient job.

Number	Length
P-204	9"

GASKET SCRAPER

A special Tool to provide a perfect surface when installing new gaskets. The 1 1/4" wide flat blade of special steel quickly removes shellacked gaskets, rust or other materials leaving a perfectly smooth surface.

Number	Length
M-134	11"

SHOP KNIFE

This fine Shop Knife has a large handle to insure a firm comfortable grip. Invaluable for cutting gaskets, installing floor mats and a thousand other cutting jobs.

Number	Length
K-1	6"
K-5 (Extra Blade)	

TUBE VALVE FISHING TOOL

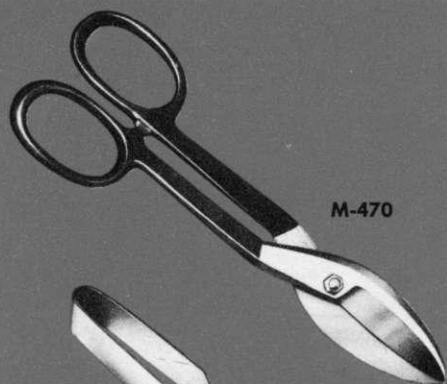
A versatile, handy Tool that draws tube valve through rim opening. Also cleans outside valve threads and taps inside threads. Removes or inserts valve cores.

Number
NR-196

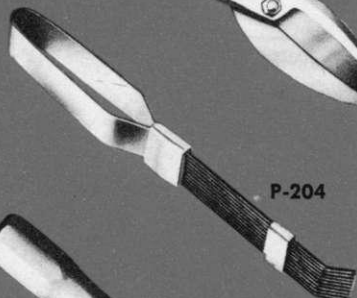
HANDY HOLDING TOOLS

Once you get used to picking fallen screws out of a motor or radio cabinet with these unique tools, you will have a set of them available in your tool kit at all times.

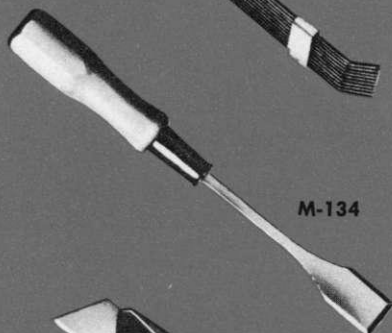
Number	Length	Reach
MH-4	6 3/4"	4"
MH-6	8 3/4"	6"
MH-8	10 3/4"	8"



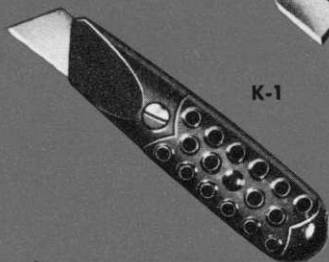
M-470



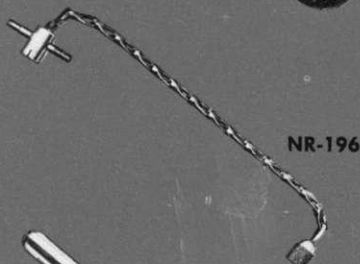
P-204



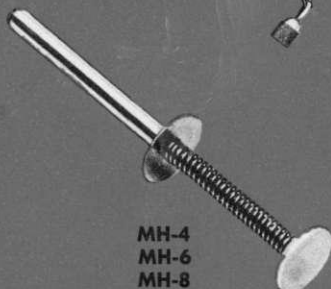
M-134



K-1



NR-196


MH-4
MH-6
MH-8

New Britain

SPECIAL TOOLS

ALUMINUM SCREW STARTERS

Starting or retracting a screw in an inaccessible place can be an exasperating, time wasting chore for any mechanic. Frequently, wiring and piping present a barrier to the free operation of a conventional screw driver in making an installation or adjustment. The New Britain Screw Starter converts such conditions into "one hand" jobs. When the blade is inserted in the slot, a slight turn releases the center section of the blade which rotates and exerts a positive grip upon the screw slot. Thus, firmly anchored, it is a simple matter to start the screw with one hand whether inserting or backing off the screw. The savings in time and temper quickly pay for this much-needed New Britain Tool.

Number	Length
SS-2	2½"
SS-5	5"
SS-9	9"

MAGNET TOOLS

Slippery fingers and small steel parts, such as nuts, bolts, studs, screws, etc., inevitably add up to things dropped into "impossible" places. Ordinary tools simply will not retrieve them. The New Britain Magnet Tool picks up and holds small parts . . . even works around corners. The business end contains a powerful permanent magnet and is arranged on a pivot which can be rotated 120° right or left. The aluminum shaft with knurled handle provides a firm, secure grip.

The Midget size tool is 9¼" long . . . an ideal size for car radio and carburetor work. The Master size extends from a telescoped 16½" length to 27" fully extended. With a magnet capable of lifting 1½ pounds, this Master size is the perfect answer for mechanics who service car, truck or aircraft engines.

Both Midget and Master models are completely nickel plated and either size will conveniently fit into the average tool box.

Number	Length
MH-10	9¼"
MH-12	16½"

FEELER GAUGE HOLDERS

Time savers and each a great convenience. FG-10 for single blades and FG-11 for use where two different gauges are being used. Blades can be changed instantly, but Tool holds gauges securely in use.

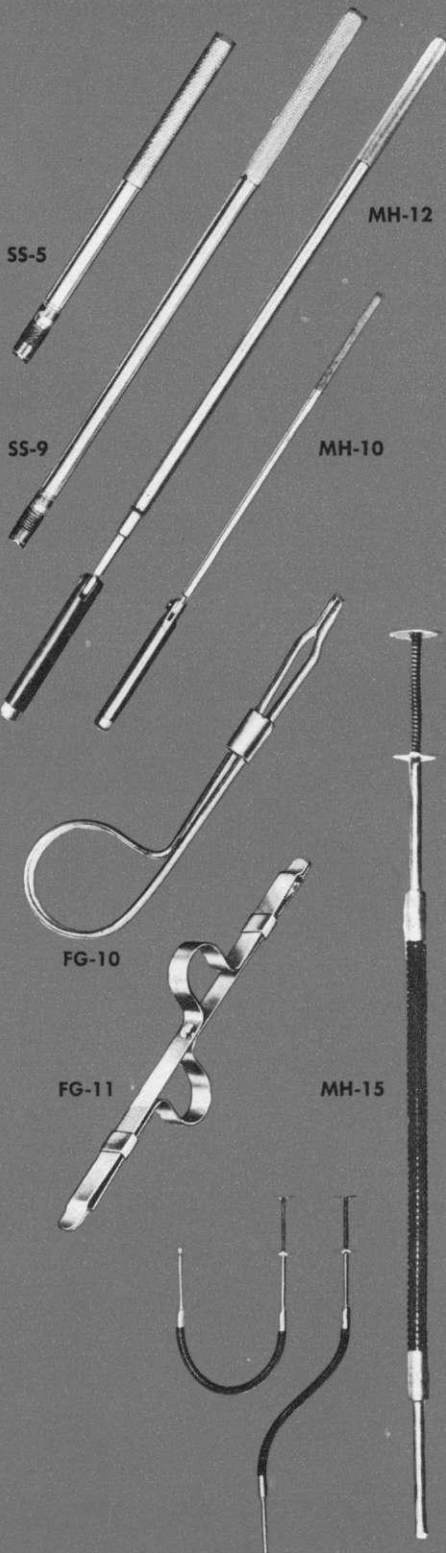
Number	Length
FG-10	4½"
FG-11	10"

HOLDER RETRIEVER — FULLY FLEXIBLE

Hits an all-time high as an aid to mechanics faced with the job of starting a nut or screw in an inaccessible spot or retrieving parts that fall into hard-to-get-at places. FULLY FLEXIBLE . . . 18" in overall length . . . gets around wiring, tubing or projecting apparatus and into spaces too small for any other tool. Can be turned or twisted in limitless shapes and still holds its grip.

Number	Reach
MH-15	15"

Special Tools



New Britain

SPECIAL WIRE BRUSHES

The professional mechanic is not concerned with the price of Wire Brushes because he buys them as he would buy a tool to do a special job. New Britain Wire Brushes cost more because they produce more work and they are appreciated by experienced operators.

TIRE AND RIM BRUSH

A sturdily made Brush with 19 rows, 3 wide, firmly secured in the wooden block. Because the wires are $1\frac{3}{16}$ " long, they will give excellent service.

Number	Length
W-44	14"

HEAVY DUTY BRUSH AND SCRAPER

Has 17 rows, 4 wide, which insure fast work on large surfaces. Wires, $1\frac{1}{16}$ " long. Wide hardened steel scraper attached. Unequalled for removing rust, dirt, grease and paint.

Number	Length Block Overall
W-45	10"

CARBON CLEANING END BRUSH

The heavy, wear-resisting crimped wire thoroughly and quickly removes hard carbon deposits from cylinder heads, blocks, tops of pistons, valve ports, etc. in a fraction of the time required by hand cleaning. For use on electric drills, pneumatic tools and flexible shafts. Length of wire out of cup, 1". Packed individually.

Number	Diameter Face	Diameter Shank
W-20	$\frac{3}{4}$ "	$\frac{1}{4}$ "

HEAVY DUTY KNOT END CLEANING BRUSH

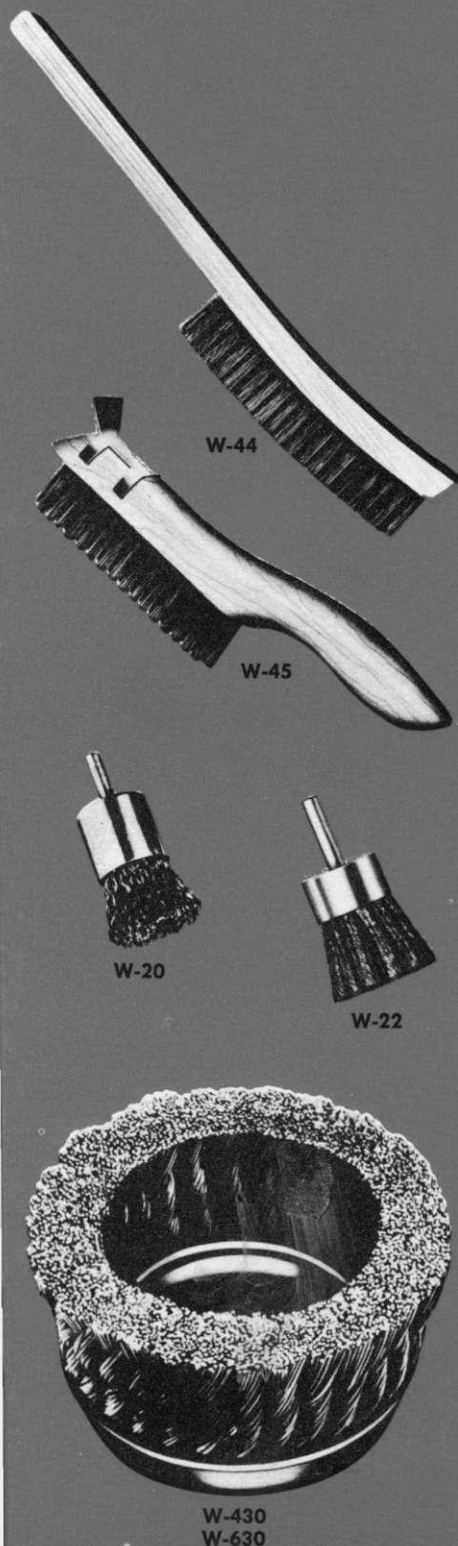
Specially drawn wire forms heavy-duty knot ends, matched for true balance. Extra cutting points speed up cleaning of carbon, scale, rust, burrs, and paint. Especially useful in corners, around studs, or in pockets. Packed individually.

Number	Diameter Face	Diameter Shank
W-22	$1\frac{1}{8}$ "	$\frac{1}{4}$ "

SUPER HEAVY DUTY CUP BRUSHES

Originated by the Automotive Industry for removing weld flash and smoothing welded joints. Unequalled for removing rust, scale and other surface imperfections. Has the longest life of any type of wire brush made. Great rigidity is developed from the exclusive method of tufting — each tuft supports the others and thus reduces vibration. The only brushes which can be operated at very high speeds with complete safety. The arbor hole is punched to fit directly on the spindle.

Number	Diam. Face	Length Wires out of Cup	Arbor Hole
W-430	4"	$1\frac{5}{8}$ "	$\frac{1}{2}$ "
W-630	6"	$1\frac{3}{4}$ "	$\frac{5}{8}$ "



New Britain

SPECIAL WIRE WHEELS

The Automotive Trade requires better tools than any other field because most jobs must be done in a hurry and all of them must conform to the unequalled precision standards of the Automotive Field.

SUPER HEAVY DUTY WIRE WHEELS

This Wheel is new to most machine shop operators because it has heretofore been sold exclusively to the automotive manufacturers. Try it on some tough job which has licked every other make of wheel. You will be amazed at its ability to quickly remove welding flash from bodies; surface roughness from brake drums, shoes; and other heavy duty cleaning operations. Use it on stationary or portable equipment and wherever you have a severe cleaning or buffing problem. Constructed with the same cable-like design as the cup brushes, the wires in each knot support one another as do the knots themselves. The two steel face plates complete this powerful Wheel. Packed individually. Punched with correct arbor hole to fit directly on shaft.

Number	Diameter	Width of Face	Arbor Hole
W-16	6"	1"	1/2"
W-26	6"	1"	5/8"
W-18	8"	1"	5/8"
W-28	8"	2"	5/8"

HEAVY DUTY WIRE WHEELS

Widely used with portable tools and bench grinders for removing carbon, paint, rust and scale. Also for roughing up tires and tubes prior to vulcanizing. The countless special cleaning operations in the Automotive Field demand brushes which are outstanding. These Brushes are made from thousands of strands of tough, wear-resisting wire, encased between two steel plates, insuring a densely filled, even brushing surface. The Brushes are evenly trimmed and exactly balanced to produce efficient operation.

Arbor hole is adjusted to shaft by simply slipping into the standard opening of the Wheel the pair of sturdy Adapters which is furnished with each Brush.

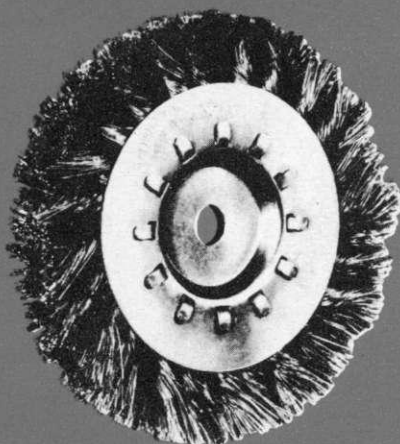
Number	Diameter	Width of Face	Arbor Hole
W-40	4"	1 1/8"	1/2"
W-60	6"	1 1/8"	1/2"
W-80	8"	1 1/2"	1/2"
W-81	8"	1 1/2"	5/8"

WIRE WHEEL ADAPTERS

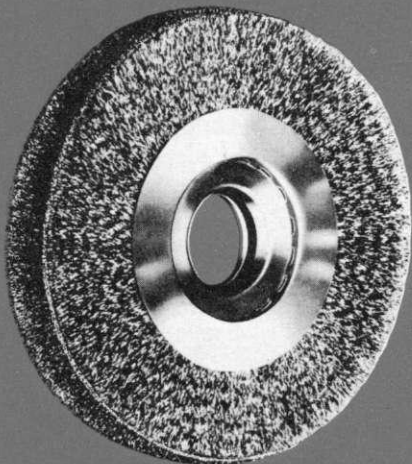
Each Wheel is complete with one pair of Adapters, and if you need to convert an old Wheel, the following Adapters are furnished.

Number	Size
W-2	3/8"
W-3	1/2"
W-4	3/4"
W-5	5/8"

Special Wire Wheels



W-16 to W-28



W-40
W-60
W-80
W-81



W-2 to W-5

New Britain

HIGH SPEED DRILLS

STRAIGHT SHANK

These famous New Britain Drills, constructed for all purpose work, are ideal for Garages, Aviation Maintenance Depots, Machine Shops, etc.

Manufactured from the highest grade of Alloyed High Speed Steel obtainable, New Britain Drills continue to cut accurately and true at frictional heat temperatures up to 1200°.

Number	Diam.	Number	Diam.	Number	Diam.
HSD-100	1/16"	HSD-120	7/32"	HSD-140	3/8"
HSD-102	5/64"	HSD-122	15/64"	HSD-142	25/64"
HSD-104	3/32"	HSD-124	1/4"	HSD-144	13/32"
HSD-106	7/64"	HSD-126	17/64"	HSD-146	27/64"
HSD-108	1/8"	HSD-128	9/32"	HSD-148	7/16"
HSD-110	9/64"	HSD-130	19/64"	HSD-150	29/64"
HSD-112	5/32"	HSD-132	5/16"	HSD-152	15/32"
HSD-114	11/64"	HSD-134	21/64"	HSD-154	31/64"
HSD-116	3/16"	HSD-136	11/32"	HSD-156	1/2"
HSD-118	13/64"	HSD-138	23/64"		

60-PIECE HIGH SPEED WIRE GAGE DRILL SET

A complete range of smaller, Wire Gage Drills from No. 1 through No. 60, inclusive. None of these sizes are repeated in any other New Britain High Speed Drill Set. Specially indexed in Huot Container.

Sizes	Sizes	Sizes
No. 1 (0.228")	No. 21 (0.159")	No. 41 (0.096")
No. 2 (0.221")	No. 22 (0.157")	No. 42 (0.093")
*No. 3 (0.213")	No. 23 (0.154")	No. 43 (0.089")
No. 4 (0.209")	*No. 24 (0.152")	*No. 44 (0.086")
No. 5 (0.205")	No. 25 (0.149")	No. 45 (0.082")
No. 6 (0.204")	No. 26 (0.147")	No. 46 (0.081")
*No. 7 (0.201")	No. 27 (0.144")	No. 47 (0.078")
No. 8 (0.199")	No. 28 (0.140")	No. 48 (0.076")
No. 9 (0.196")	*No. 29 (0.136")	No. 49 (0.073")
No. 10 (0.193")	No. 30 (0.128")	No. 50 (0.070")
No. 11 (0.191")	No. 31 (0.120")	No. 51 (0.067")
No. 12 (0.189")	No. 32 (0.116")	No. 52 (0.063")
No. 13 (0.185")	No. 33 (0.113")	No. 53 (0.059")
No. 14 (0.182")	No. 34 (0.111")	No. 54 (0.055")
No. 15 (0.180")	*No. 35 (0.110")	No. 55 (0.052")
*No. 16 (0.177")	No. 36 (0.106")	No. 56 (0.046")
No. 17 (0.173")	No. 37 (0.104")	No. 57 (0.043")
No. 18 (0.169")	No. 38 (0.101")	No. 58 (0.042")
No. 19 (0.166")	No. 39 (0.099")	No. 59 (0.041")
*No. 20 (0.161")	No. 40 (0.098")	No. 60 (0.040")

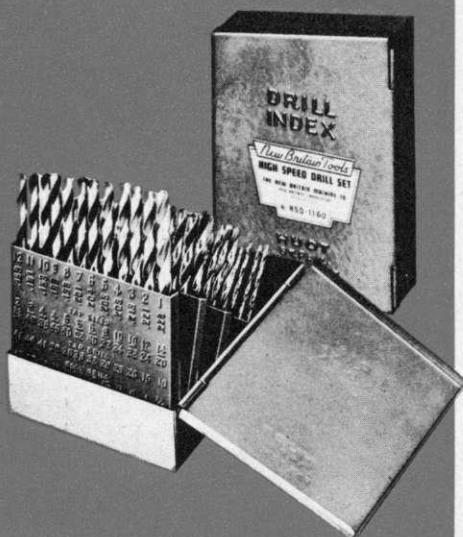
*Starred items are Tap Drills.

Set No.

HSD-1160

60 Drills in Huot Container

HSD-1160



New Britain

HIGH SPEED DRILLS

29-PIECE HIGH SPEED DRILL SET

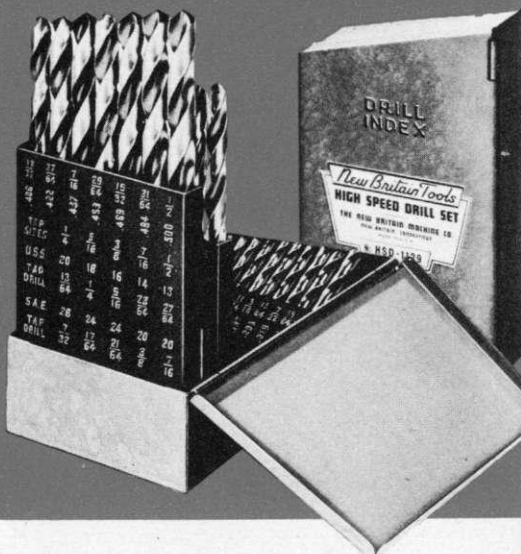
A fine combination: High Speed Drills in Huot Index Container—every size from $\frac{1}{16}$ " to $\frac{1}{2}$ " by 64ths. The complete Set for professional mechanics.

Sizes	Sizes	Sizes
$\frac{1}{16}$ "	$\frac{7}{32}$ "	$\frac{3}{8}$ "
$\frac{5}{64}$ "	$\frac{15}{64}$ "	$\frac{25}{64}$ "
$\frac{3}{32}$ "	$\frac{1}{4}$ "	$\frac{13}{32}$ "
$\frac{7}{64}$ "	$\frac{17}{64}$ "	$\frac{27}{64}$ "
$\frac{1}{8}$ "	$\frac{9}{32}$ "	$\frac{7}{16}$ "
$\frac{9}{64}$ "	$\frac{19}{64}$ "	$\frac{29}{64}$ "
$\frac{5}{32}$ "	$\frac{5}{16}$ "	$\frac{15}{32}$ "
$\frac{11}{64}$ "	$\frac{21}{64}$ "	$\frac{31}{64}$ "
$\frac{3}{16}$ "	$\frac{11}{32}$ "	$\frac{1}{2}$ "
$\frac{13}{64}$ "	$\frac{23}{64}$ "	

Set No.
HSD-1129 29 Drills in Huot Container

High Speed Drill Sets

HSD-1129



21-PIECE HIGH SPEED DRILL SET

This Set contains 21 Drills indexed by 64ths from $\frac{1}{16}$ " to $\frac{3}{8}$ ". In great demand by mechanics who want convenient range.

Sizes	Sizes	Sizes
$\frac{1}{16}$ "	$\frac{11}{64}$ "	$\frac{7}{32}$ "
$\frac{5}{64}$ "	$\frac{3}{16}$ "	$\frac{19}{64}$ "
$\frac{3}{32}$ "	$\frac{13}{64}$ "	$\frac{5}{16}$ "
$\frac{7}{64}$ "	$\frac{7}{32}$ "	$\frac{21}{64}$ "
$\frac{1}{8}$ "	$\frac{15}{64}$ "	$\frac{11}{32}$ "
$\frac{9}{64}$ "	$\frac{1}{4}$ "	$\frac{23}{64}$ "
$\frac{5}{32}$ "	$\frac{17}{64}$ "	$\frac{3}{8}$ "

Set No.
HSD-1121 21 Drills in Huot Container

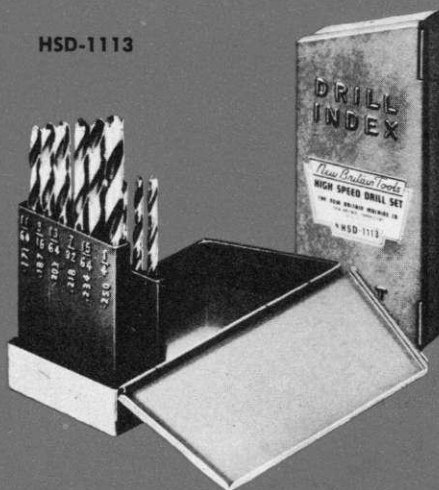
13-PIECE HIGH SPEED DRILL SET

Contains 13 Drills in sizes $\frac{1}{16}$ " to $\frac{1}{4}$ " by 64ths. Ideal for the small garage or general repair shop. Packed in famous Huot Index Container.

Sizes	Sizes
$\frac{1}{16}$ "	$\frac{11}{64}$ "
$\frac{5}{64}$ "	$\frac{3}{16}$ "
$\frac{3}{32}$ "	$\frac{13}{64}$ "
$\frac{7}{64}$ "	$\frac{7}{32}$ "
$\frac{1}{8}$ "	$\frac{15}{64}$ "
$\frac{9}{64}$ "	$\frac{1}{4}$ "
$\frac{5}{32}$ "	

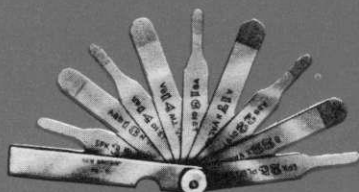
Set No.
HSD-1113 13 Drills in Huot Container

HSD-1113

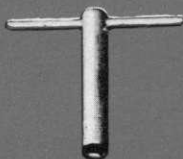




P-100F



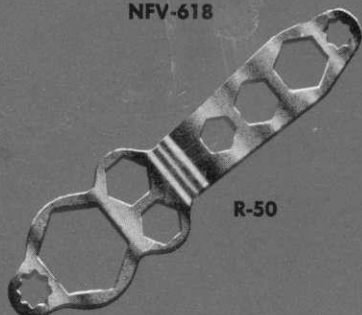
FG-5



F-109



NFV-618



R-50

New Britain

SPECIAL FORD TOOLS

SPECIAL FORD WHEEL PULLER ATTACHMENT

Designed to be used with the New Britain Hub Puller No. P-100 and other stud type Pullers. Drop forged steel, rugged and strong . . . this device exactly fits the Ford Hub and permits pulling without any danger of springing pressed steel drums out of alignment. A special tool that saves time and assures a trouble-free end result on Ford '36-'48 and all Mercury cars.

Number

P-100F

FORD FEELER GAUGE

A special Ford Feeler Gauge that takes care of almost all Ford Service Work. Contains 18 sizes 3 1/4" long. Nine blades have Go or No-Go feature: — .011; .012; .013; .014; .015; .016; .017; .018; .019. Four straight blades: — .013; .015; .020; .025. Five wire gauges: — .025 plug; .028 plug; .030 plug; .017 point; .030 point. — 18 Units.

Number

FG-5

V-8 CARBURETOR JET WRENCH

A precision Tool for every mechanic doing carburetor work on Ford V-8s. Made of durable alloy and designed to speed up the job of making carburetor adjustments.

Number

F-109

Length

3"

V-8 CONNECTING ROD SOCKET

1/2" Drive

If you have been looking for a Ford Connecting Rod Socket which can really "take it", this is it. You will find this New Britain Socket has more durability than you ever imagined could be built into a Tool which has to operate in as tight an opening as that required of this 1/16" Ford Connecting Rod Socket. Heat treated alloy steel . . . 6 Pt. broached.

Number

NFV-618

UNIVERSAL DRAIN PLUG WRENCH

An inexpensive all purpose Wrench stamped to service most of the fittings on Fords and Mercurys. This Tool is a metal stamping and will perform many a job before you'll need a new one.

Number

R-50

Length

10"

New Britain

SPECIAL FORD VALVE TOOLS

MICROMETER GAUGE

Makes perfect valve gauge adjustments possible. By the old methods, it was very difficult to get a reasonably good adjustment on Ford valves, regardless of the length of time spent on the job. With the New Britain Micrometer Gauge, the job is done quickly and it is possible to make the adjustment perfect to a fraction of a thousandth. The Micrometer which is built into the Gauge is thoroughly accurate and is so designed that there is not any trouble in securing the correct reading. The Micrometer graduations are .001. Complete instructions for using the Micrometer Gauge are furnished with each set. A complete set for all Models A, B, Mercury, Lincoln Zephyrs and Ford V-8 (except 60 H. P.).

Number
R-131

Packed in Box, Size
8 1/2" x 2 1/2" x 1 3/4"

FORD VALVE GUIDE DRIVER

The words, "never fail" mean a lot to an automotive mechanic. He must have Tools that can be depended upon and this new type Valve Guide Driver will always be ready to do the job. First, the Crank Shaft should be turned so that the valve is in highest open position. Then, insert the Tool so that the foot guide does not enter an intake or exhaust port. Pull Valve Guide Driver to an upright position and drive the guide down to remove lock.

Number
F-194 For V-8

Length
10"

KING BOLT BUSHING REAMER Solid Type

Number
R-680

For all A, B & V-8 Ford Pass. cars including 1952. F-1, F-2 & F-3 and 1-ton Ford trucks thru 1952. Also Mercury cars 1938 to 1948.

R-710

For all 1938 to 1952 Ford trucks including F-4 & F-5 1 1/2-ton V-8 and F-6 2-ton 1948 to 1952.

For additional Reamers for Ford, see page 62.

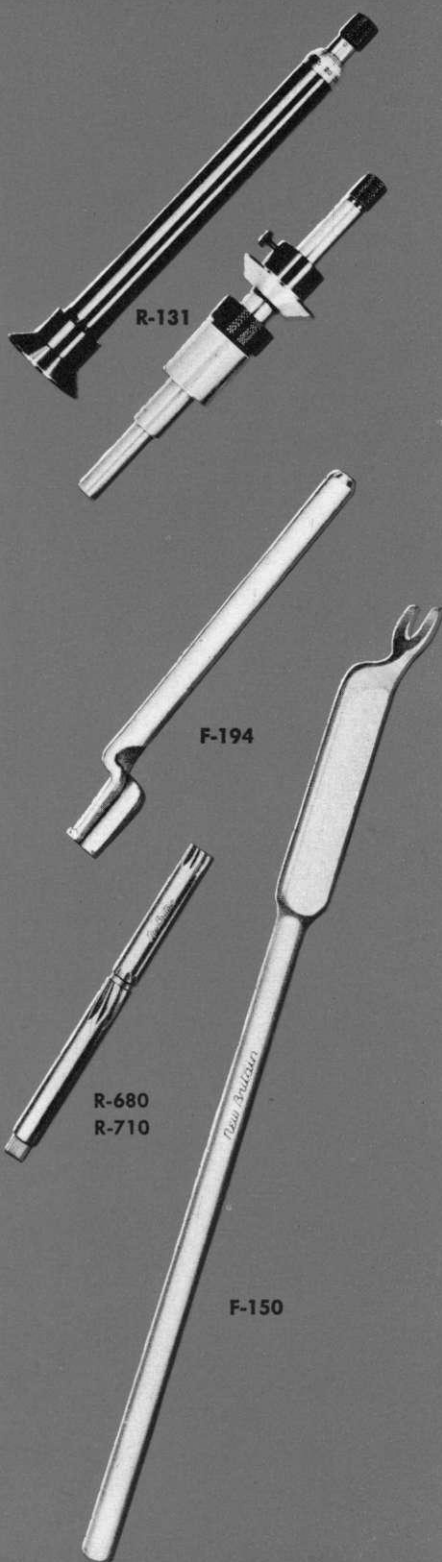
V-8 60 AND 85 LIFTER BAR

A real mechanic's Tool to stand up under heaviest work. Made from toughest alloy steel and a full 21" long to provide needed leverage. The Bar is drop forged and so designed that the formation of the shaft and offset of the head provide the perfect angle to take care of upper and lower compressing jobs on both the V-8 85 and V-8 60.

Number
F-150

Length
21"

Special Ford Tools



New Britain

SPECIAL CHEVROLET TOOLS

CHEVROLET MANIFOLD WRENCHES

Starter and manifold work on Chevrolet cars is simplified by these Wrenches.

Number	Openings	Length
M-109	$\frac{7}{16}$ " x $\frac{5}{8}$ "	7 $\frac{3}{4}$ "
CH-103	$\frac{5}{8}$ " x $\frac{3}{4}$ "	7 $\frac{3}{4}$ "

CHEVROLET UPHOLSTERY SCREW DRIVER

The only way to remove upholstery screws safely from Chevrolets and some other types is with this special Screw Driver to fit the figure "8" type screws.

Number	Size Blade	Width of	
		Tip	Overall
M-135	$\frac{1}{8}$ "	3"	6 $\frac{1}{2}$ "
M-136	$\frac{3}{16}$ "	4"	7 $\frac{1}{2}$ "
M-137	$\frac{1}{4}$ "	5"	9 $\frac{1}{4}$ "
M-138	$\frac{5}{16}$ "	5"	9 $\frac{1}{4}$ "

CHEVROLET PAN SCREW DRIVER

A valued Tool for handling round fillister and flat head screws. Easy and sure in operation. Fits all $\frac{3}{8}$ " Drive.

Number
NB-91

CHEVROLET TAPPET ADJUSTING TOOL

This unique Tool together with a Feeler Gauge enables you to adjust the valve clearance on rocker arm tappet adjusting jobs. Works while the motor is running and therefore insures the best adjustment in the shortest possible time. For all cars with overhead valves.

Number
M-200

CHEVROLET FEELER GAUGE

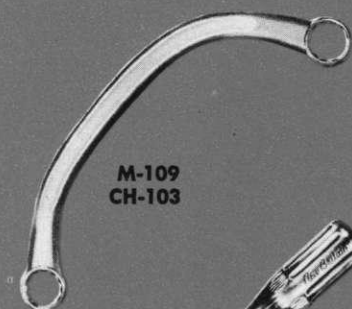
Contains 15 blades $\frac{3}{4}$ " long, 3" file and adjuster gauge; — .006; .007; .008; .010; .012; .013; .015; .018; .020 (2); .022; .024; wire — .032; .035; .040; — 17 Units.

Number
FG-4

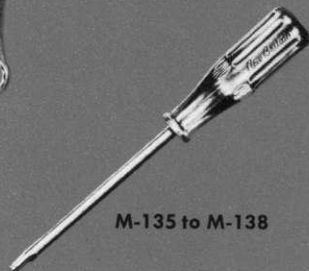
CHEVROLET AXLE NUT SOCKET

Made in the $\frac{3}{4}$ " Drive for turning off axle nuts. It's 12 Point and essential for 1932 Chevrolet Axle Nuts.

Number	Opening
NH-1238	1 $\frac{3}{16}$ "



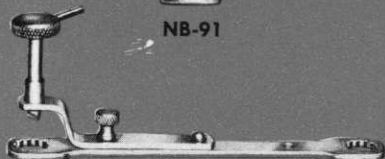
M-109
CH-103



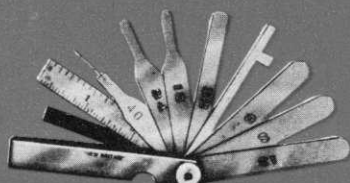
M-135 to M-138



NB-91



M-200



FG-4



NH-1238

New Britain TORQUE WRENCHES

TWS-100 TWS-150
1/2" DRIVE

Here's sensational new torque control you can SEE... HEAR and FEEL! A revolutionary Torque Wrench with indestructible flat beam measuring element and wide, all-angle working dial. Simply adjust the "Set" finger to the foot lbs. of torque desired and even if the dial can't be seen, working in a blind spot, the ingenious sensory mechanism sounds a distinct "click", and a strong impulse is imparted to the hand, the instant the pre-set torque is reached.

No carry-thru or over-pull, no unbalancing break or tendency to hold back on nearing the release point. This new Wrench gives "laboratory" torque control, automatically, at repair shop speed... no re-setting between strokes... the Wrench "re-cocks" itself and the signal point remains constantly accurate for repetitive strokes without correction or adjustment. The "Set" can be changed in a few seconds, as desired.

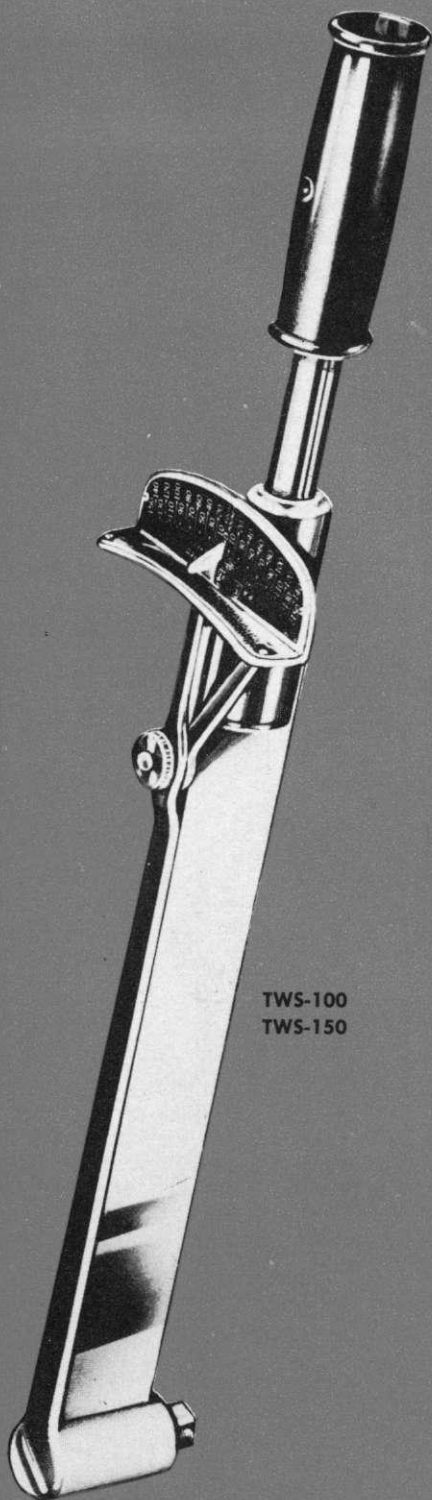
For cylinder head or cap screw tightening to manufacturer's recommendations, for connecting rod nuts and main bearings, this new Torque Wrench is unsurpassed in speed and precision. 100 and 150 ft. lbs. models illustrated.

Number	Cap. Ft. Lbs.	Graduations	Length	Drive
TWS-100	100	5 lbs.	17 1/8"	1/2"
TWS-150	150	5 lbs.	20 1/2"	1/2"

(Other ft. lbs. capacities available on request.)



Torque Wrenches

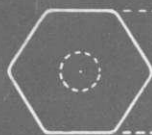


TWS-100
TWS-150

New Britain

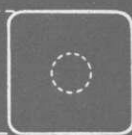
TABLE OF STANDARD SIZES OF BOLT HEADS, NUTS AND SCREWS

Thread DIAMETER Inches	INCHES OF WIDTH ACROSS FLATS—WRENCH OR SOCKET SIZE										Thread DIAM. Inches	
	Hexagonal					Square						
	BOLT HEADS AND NUTS				CAP SCREWS		BOLT HEADS AND NUTS			CAP SCREWS		SET SCREWS
	U.S. Std.	S.A.E. Std.	Am. Std.	Mfr. Std.	U.S. Std.	Am. Std.	U.S. Std.	Am. Std.	Mfr. Std.	U.S. Std.		U.S. or Am. Std.
No. 0 (.060)			5/32					5/32				No. 0
No. 1 (.073)			5/32					5/32				No. 1
No. 2 (.086)			3/16					3/16				No. 2
No. 3 (.099)			3/16					3/16				No. 3
No. 4 (.112)			1/4					1/4				No. 4
No. 5 (.125)			5/16					5/16				No. 5
1/8	5/16				5/16							1/8
No. 6 (.138)			5/16					5/16				No. 6
No. 8 (.164)			11/32					11/32				No. 8
3/16	3/8				3/8							3/16
No. 10 (.190)			3/8					3/8				No. 10
No. 12 (.216)			7/8					7/8				No. 12
1/4	1/2	7/16	7/16	7/16	7/16	7/16	1/2	7/16	3/8			1/4
5/16	19/32	1/2	9/16	17/32	1/2	1/2	19/32	9/16	15/32	7/16		5/16
3/8	11/16	9/16	5/8	5/8	9/16	9/16	11/16	5/8	9/16	1/2	3/8	3/8
7/16	25/32	5/8	3/4	23/32	5/8	5/8	25/32	3/4	21/32	9/16	7/16	7/16
1/2	7/8	3/4	13/16	13/16	3/4	3/4	7/8	13/16	3/4	5/8	1/2	1/2
9/16	31/32	7/8	7/8	29/32	13/16	13/16	31/32	7/8	27/32	11/16	9/16	9/16
5/8	11/16	15/16	15/16	1	7/8	7/8	11/16	15/16	15/16	3/4	5/8	5/8
11/16		1										11/16
3/4	1 1/4	1 1/16	1 1/8	1 3/16	1	1	1 1/4	1 1/8	1 1/8	7/8	3/4	3/4
7/8	1 7/16	1 1/4	1 5/16	1 3/8	1 1/8	1 1/8	1 7/16	1 5/16	1 5/16		7/8	7/8
1	1 5/8	1 7/16	1 1/2	1 9/16	1 1/4	1 1/4	1 5/8	1 1/2	1 1/2	1 1/4	1	1
1 1/8	1 13/16	1 5/8	1 11/16	1 3/4	1 3/8	1 1/2	1 13/16	1 11/16	1 11/16	1 3/8		1 1/8
1 1/4	2	1 11/16	1 7/8	1 15/16	1 1/2	1 11/16	2	1 7/8	1 7/8		1 1/4	1 1/4
1 3/8	2 3/16	2	2 1/8	2 1/8	1 5/8		2 3/16	2 1/8	2 1/8			1 3/8
1 1/2	2 3/8	2 3/16	2 1/4	2 5/16			2 3/8	2 1/4	2 1/4	1 1/2		1 1/2
1 5/8	2 9/16			2 1/2			2 9/16		2 7/16			1 5/8
1 3/4	2 3/4		2 5/8	2 11/16			2 3/4	2 5/8	2 5/8			1 3/4
1 7/8	2 15/16						2 15/16					1 7/8
2	3 1/8		3				3 1/8	3				2
2 1/4	3 1/2		3 3/8				3 1/2	3 3/8				2 1/4
2 1/2	3 7/8		3 3/4				3 7/8	3 3/4				2 1/2
2 3/4	4 1/4		4 1/8				4 1/4	4 1/8				2 3/4
3			4 7/2					4 1/2				3



HEX

WIDTH
ACROSS
FLATS



SQUARE

New Britain

SOCKET WRENCH SIZES & TORQUE PRESSURES for SPARK PLUGS

CHAMPION		AUTO-LITE		A C	
No.	Socket & Torque	No.	Socket & Torque	No.	Socket & Torque*
Y-4-A Y-6 Y-8	NTD-20 SOCKET 5/8" Cast Iron Head 14 Ft. lbs. Aluminum Head 11 Ft. lbs.	P4 PR4 P6 PR6	NTD-20 SOCKET 5/8" Cast Iron Head 15 Ft. lbs. Aluminum Head 10 Ft. lbs.	104	NTD-20 SOCKET 5/8"
J-2 J-3 J-5 J-6 J-7 J-8 J-11 J-12 J-14 H-8 H-9 H-10 H-11	NTD-26 SOCKET 13/16" Cast Iron Head 30 Ft. lbs. Aluminum Head 27 Ft. lbs.	A3 A3X AH4 AT4 AR4 A45 AR45 A5 A5X AN5 AL5 AR5 AE6 4S-165 A7 A7X AN7 AL7 AL7X ARL8 ARL85 AL85 4S-140 AR8 A85 AR85 AT8 AH8 A9 A9X AE10 AR10 AT10 A11 A11X	NTD-26 SOCKET 13/16" Cast Iron Head 30 Ft. lbs. Aluminum Head 25 Ft. lbs.	103 Com. 104 Com. 106 M-8	NTD-22 SOCKET 11/16"
H-16-A H-17-A 6 Com. 15-A C-15 10 Com.-64	NTD-28 SOCKET 7/8" Cast Iron Head 34 Ft. lbs. Aluminum Head 32 Ft. lbs.	B3 B3X BT3 BH4 BT4 BR4 B45 BR45 B4X B5 B7 B8X BT8 BR8 BH8 B85 BR85 B9 BR10 BT10 B11 BT15 BR155	NTD-28 SOCKET 7/8" Cast Iron Head 40 Ft. lbs. Aluminum Head 35 Ft. lbs.	42 Com. 42-5 Com. 43 L 43 L Com. 43 Com. 44 44 Com. 44-5 45-5 Com. 45 45 L 45 L Com. 45 Com. 46 46 X 46 Com. 46-5 47 Com. 48 48 X	NTD-26 SOCKET 13/16"
O Com. 1 Com. 20 2 Com. L 3 Com.	NTD-30 SOCKET 15/16" Cast Iron Head 37 Ft. lbs. Aluminum Head 35 Ft. lbs.	TT4 TH4 T5 T7 TT8 TH8 TR85 T9 TT10 TT11 TT15 TR155	NTD-30 SOCKET 15/16" Cast Iron Head 45 Ft. lbs. Aluminum Head 40 Ft. lbs.	76 76 S 81 S Com. 82 S Com. 83 S Com. 84 85 S Com. 86 87 S Com. 88 88 S Com.	NTD-28 SOCKET 7/8"
5 Com. 8 Com. C-7 9 Com.	NTD-32 SOCKET 1" Cast Iron Head 34 Ft. lbs. Aluminum Head 32 Ft. lbs.			26 73 Com. 74 75 Com. 76 Com. 77 Com. 77 L Com. 78 78 L Com.	NTD-30 SOCKET 15/16"
C-4	NTD-36 SOCKET 1-1/8" Cast Iron Head 37 Ft. lbs. Aluminum Head 35 Ft. lbs.			82 Com. 83 Com. 85 Com. 86 Com. 88 L Com.	NTD-32 SOCKET 1"
				78 S	NTD-36 SOCKET 1-1/8"

When no torque wrench is used, screw in plug by hand to a finger-tight seat on gasket. Then, using the correct New Britain Socket, tighten one half turn for a tight seal between plug and cylinder head.

*The torque table for all AC spark plugs is as follows:

PLUG THREAD	CAST IRON HEAD	ALUMINUM HEAD
10 mm	12 Ft. lbs.	10 Ft. lbs.
14 mm	25 Ft. lbs.	22 Ft. lbs.
18 mm	30 Ft. lbs.	25 Ft. lbs.
7/8 "	35 Ft. lbs.	30 Ft. lbs.

